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EduCALC
27953 Cabot Road
Laguna Niguel, CA 92677 U.S.A.   Holidays, '96

Dear Reader,

   I'd like a favor from you . . .
   We're trying out this new all-color catalog.
We've never before used color throughout, and it's
a new size and shape, too—completely redesigned.
   We think you'll like it better—find it easier to
use and more valuable. So here's the favor I ask of
you.

      Please let me know what you think of this
   new catalog—just a word, yes/no, or perhaps
   your reaction and reasons, or even a full
   critique. Let me hear from you, please.

Sincerely,

Jim

Jim Carter,
Manager

P.S. You may want a copy of our new HP Supplies
Catalog—everything for your LaserJet, DeskJet &
other inkjet printers, impact printers, plotters
and data storage devices. Just ask.

Discount prices—you'll find them here everyday, and not just for a few items on sale—plus the latest rebates

All the accessories and extras—useful software, helpful books, essential peripherals, extra manuals—everything

1. **It's easy to order**—just phone, fax or mail to us, 24 hours—no driving, no parking, no walking

2. **You'll have it quickly**—we usually ship the same day we hear from you, for next-day delivery if you want

3. **You're sure to be satisfied**—we guarantee it, with our 30-day, no-questions warranty

Prices Effective October 20, 1995

VISIT OUR STORE
We're located right here in Orange County, California, near the intersection of I-5 and Crown Valley Parkway (across the freeway from the Mission Viejo Mall)

HOURS:
8 am - 5 pm, Monday - Friday

EduCALC
27953 Cabot Road
Laguna Niguel, CA

TO LOS ANGELES
405 FRWY
5 FRWY
55 FRWY
NEWPORT BEACH
IRVINE
LAGUNA BEACH
PACIFIC COAST HIGHWAY
CABOT ROAD
CROWN VALLEY PARKWAY
LAGUNA NIGEL
TO SAN DIEGO
N
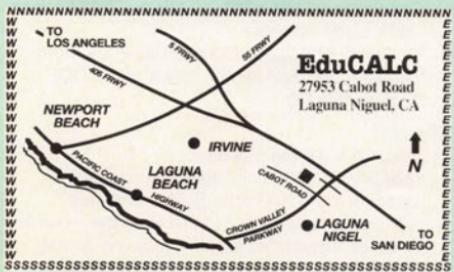
Call us now—
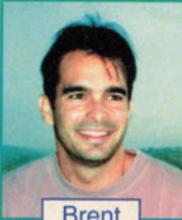
Brent

Beckie

Jim

Beth

here's who you'll talk to . . .

Karie

Dan

Jen

Richard

Jim

Kaycee, EduCALC's official greeter

HP 200LX Palmtop PC

HP 200LX—the specs

HEWLETT PACKARD

Software built into ROM
- Pocket Quicken · cc:Mail Mobile
- Data Communications
- Lotus 1-2-3 Release 2.4
- MS-DOS 5.0 · LapLink
- Appointment Book · Phone Book
- HP financial calculator
- Memo editor with outliner
- Notetaker · Database · Filer
- World time and Stopwatch
- Application manager
- System macros · Setup utility

Physical Specifications
- 16 × 8.64 × 2.54 cm (6.3 × 3.4 × 1 in)
- 312 g (11 oz) with batteries

Industry-standard PC Architecture and Central Processing Unit (CPU)
- IBM PC architecture
- Intel 80C186 CPU running at 7.91 MHz

Display
- CGA-compatible FTN liquid crystal
- 80 columns by 25 rows; 640 × 200 pixels
- Zoom feature
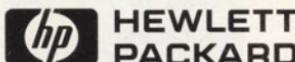
Input/Output
- Built-in 9-wire serial interface for connection to RS-232 devices
- Built-in infrared transmitter/receiver up to 115K bps for HP 200LX to HP 200LX and other wireless communication
- Built-in printer drivers supporting these serial printer types: HP LaserJet, Epson FX-80, IBM ProPrinter
- PCMCIA version 2.0, Type II plug-in card slot for running PC software and expanding I/O memory; optional HP 5 MB, 10 MB and 20 MB flash disk cards available
- Optional HP F1021B Connectivity Pack for file transfer between an HP 200LX and a DOS-compatible PC

Power
- Two 1.5-V AA main batteries
- One 3-V CR2032 coin cell backup battery
- Optional 1.5-V AA rechargeable batteries
- Optional adapter: HP F1011A available in worldwide configurations for powering unit and recharging NiCd batteries

Manage your world with the world's most powerful palmtop PC! Carry your critical business and personal information as easily as you carry your wallet. The software you already know comes built-in with the only pocket PC that's fully DOS compatible.

Use PC power to organize your personal and business expenses on the go. Check your calendar, or let the appointment book keep you on schedule. Graph your latest sales figures or edit a quick memo. Open built-in DOS applications with a single keystroke, or add your favorite DOS programs from your desktop PC.

Advanced communication features keep you in touch everywhere. Plug in your HP StarLink card to pick up notification of phone and fax messages from home or the office.

You'll stay in charge with the most complete personal information management software on the market.

You simply touch one of 8 special keys to access this software—then switch to another program with one key-touch. *These 8 special keys will make the HP 200LX your favorite computer at any size! at any price!*

Stay in control of personal and business finances anywhere with Pocket Quicken. Enter transactions from checking, savings, credit card, and cash accounts using convenient on-screen forms. *Keep on top of current balances* and reconcile accounts with your bank statements. You can even *organize expenses* by category and and create summaries for business reimbursements or tax records.

It's a portable electronic mailbox. You'll *keep in touch* with a built-in cc:Mail Mobile for the HP 200LX. With a modem, check your cc:Mail post office and *exchange messages* with any cc:Mail user in the world. Handle messages with cc:Mail Remote Inbox, Outbox and Saved Message folders.

Receive news, weather, and stock reports automatically. Using HP 200LX terminal emulation, built-in data communications software, and a modem, *access email* and information services such as Compuserve.

With HP 200LX communications accessories, connect with devices like the Skystream wireless messaging receiver, modems, and global positioning sytems.

Don't leave the office without it! Now you can *download* spreadsheets from the big PC to your HP 200LX. Because this is real Lotus 1-2-3. *Take* that sales report, budget or investment portfolio right along with you in your pocket. *Update* as you talk. See the results instantly. *Zoom* them. *Show* them around. *Transfer* them back to your PC when you are in the office again.

If you need to leave Lotus, perhaps to check your appointments or to find a phone number, just press another blue key. When you're ready to use Lotus again, touch the blue 1-2-3 key and you'll be back in your spreadsheet. exactly where you left off. You can also copy part of a worksheet and move it to where ever you want it, maybe into a memo.

Sure, your HP 200LX will do the same timely chores that a Wizard or a BOSS will . . . to help you with appointments, schedules and priorities. But the HP 200LX is itself a PC, so it has a big Appointment Book program, with all the frills of an office machine plus the big memory to match.

You can *set your alarms* to go off, say, 15 minutes in advance. Set repeating appointments once and they'll show up as specified, weekly, monthly, or yearly.

Can't remember details from a note you saved? No problem. Enter a word or short phrase; *search* for it.

Your HP 200LX will have *all the goodies* that go with a big PC Phone Book and Database program done by Lotus, plus *its giant RAM memory capacity.*

You won't want to type a book into your HP 200LX—that's what desk PC's and secretaries are for. But you could *edit* a book on your 200, by using its Memo Editor, which is a small word-processor. Or *store reference information.* Or *take a quick note on the spot.*

Do simple arithmetic simply—either Algebraic or RPN style—you decide. Your HP 200LX will have the latest, most sophisticated Financial Calculator, one that only HP could give you. *Time Value of Money* answers and *'what-if'* recalculations. *Backsolving* for any variiable in your equation—and you can use this feature to compute values in worksheet cells, automatically!

Here's the quick power that touching the Filer button gets you:

- Create, rename, copy, view, and move files and directories
- RAM-disk backup
- Plug-in RAM card formatting
- DOS program execution
- Split-screen file transfer feature

That's what the 8 wonderful keys do, each by itself. But that's not all—*these applications fit together*. This means that you can *jump* from one to another at will, and even *take data along* with you. It means that you won't have to learn different schemes of commands for each piece of software, because these are *consistent*, as alike as Lotus programming could make them.

There's more powerful, built-in software, and it's easy to access with a single keystroke:

Notetaker
- Create, save and edit short notes
- Database of notes, indexed by title
- Title, categorize, and search capabilities

Database
- Create and modify database templates
- Add, delete, and edit records
- Search by field or text

World Time and Stopwatch
- Local and worldwide time for over 450 cities
- World map custom city list
- Timer and stopwatch

Setup Utility
- Display contrast, memory allocation, and beeper volume
- Printer and comm port configuration
- Battery status and NiCd recharging

Application Manager
- Manage all HP 200LX system applications, whether built-in, plug-in, or RAM-based
- Application key assignment, application RAM use, status, current drive, and files

still undecided?

Let's recap the facts—this little gem has Hewlett-Packard design excellence in its logical architecture and in its calculations. It has MS-DOS, so it's fully PC-compatible. Quicken will manage your finances.

cc:Mail Mobile is built-in, so you can carry your electronic mailbox wherever you go. And it has Lotus 1-2-3 and Lotus Development's programming of its applications, so they all have similar, consistent command structures, and so you can transfer data and results back and forth between them.

- Lotus 1-2-3
- Phone book
- Memo editor
- Appointment book
- HP financial calculator
- 3.7 times faster than an XT
- Quicken
- Datacomm
- Filer
- 1 or 2 MB RAM
- MS-DOS 5.0

Is that reason enough to buy it now?

which model fits your needs?

You get your choice of two models, the HP 200LX 1MB and the HP 200LX 2MB. There's just one difference, but it's a big one—one has 1MB of RAM memory, while the other has a full 2 Megabytes of internal RAM. Having the extra memory is like having a second card slot with a 1MB RAM card permanently installed in it (and everyone seems to want more memory).

Live technical support is available 5 am - 5 pm (Pacific time) Monday - Friday. You pay only for the call. (970)392-1001.

Express Exchange Coverage for 1 year—so if your 200 fails you merely call for a replacement, which arrives next day! Then just send back the old unit (full 3-yr coverage optional, order Support Pack). Offer includes PC, Quick Start Guide, User's Guide, nameplate and alkaline batteries; 1 yr Express Exchange warranty.

#HP200LX1MB [Palmtop PC] $499
#HP200LX2MB [Palmtop PC] $679
#H5465A [3 yr HP Support Pack] $85

HP 1000CX
stripped for action—no built-in software!

HEWLETT PACKARD
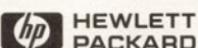
If you want a palmtop DOS PC to run your own programs ONLY, here's your hot deal!

This special model has no PIM software, no Quicken, no Lotus 1-2-3, no cc: Mail Mobile. It *does* have MS-DOS 5.0, Laplink, 1MB RAM, and a low price—in fact *the lowest price*.
#HP1000CX [Palmtop PC] $399

Monster Memory

EduCALC

new HP 200LX internal memory upgrade

Enjoy having an added 4MB of RAM in your C-drive—for many, many resident programs (great with Software Carousel), for room to spare while running data/comm software, for the greater speed of your C-drive instead of slower flash-card memory. EduCALC 1-yr warranty (not HP).

#HP200LX5MB [Expanded Palmtop] $799
#HP200LX6MB Expanded Palmtop].........$969
#HP1000CX 5MB [Expanded Palmtop] $699

Send your own 200LX to be upgraded to 5MB (some will even have 6)—we'll take about a week. 90-day warranty. Order before Dec. 31, '96 and you'll get Software Carousel and high-capacity rechargable batteries FREE.

#3124 ....$320

your name engraved - free

We will personalize your name or initials free on a small plate that you can neatly adhere in a counter-sunk space on the back of your new palmtop. Just return the nameplate included with your palmtop and order Stock #95CNP. You'll be limited to 24 characters and your imagination.

#95CNP [Nameplate] ....Free

Trade In Program

Save even more —

TRADE IN your used HP Palmtop. Order an HP 200LX 1MB at $499 or an HP 200LX 2MB at $679 before December 31, 1996 and receive a trade-in credit as follows:

$200 credit for any HP 95LX or HP 100LX 1MB. When you buy an HP 200LX 1 MB, you pay *ONLY $299*

$180 credit for any HP 95LX or HP 100LX 1MB. When you buy an HP 200LX 2MB, you pay *ONLY $499.*

$280 credit for an HP 200LX 1MB. When you buy an HP 200LX 2MB, you pay *ONLY $399.*

Take up to 30 days to return your used palmtop. Your unit must be in working condition, with manuals, for full credit..

here's where you find . . .

Subscribe now to
The HP Palmtop Paper
for HP 95/100/200

Thaddeus Computing
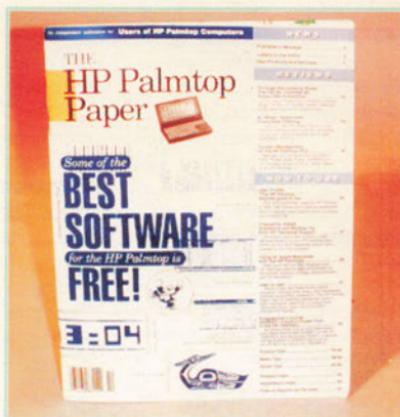
■ Be an insider ■ Be an expert ■ Be fully up-to-date

You'll find out about the hidden features of your 95/100/200—how to access secret utilities—even hidden games!

You'll have how-to tips and tricks that make your work easier—solve your problems—even give you impressive new powers!

You'll read comparative brand-by-brand surveys of the software and programming languages that work best in your 95/100/200—plus consumer's advice on peripherals like RAM cards and drives.

BONUS Disk . . . each year's subscription comes with a copy of the Subscriber PowerDisk loaded with the best programs, games and utilities that can be found. (Allow 4 to 6 weeks for your subscription to start.)

#2676, 1 year to U.S. address $39
#2839, 1 yr air to Canada/Mexico $45
#2840, 1 yr air, foreign $57

Plug-in *Flash* Cards
for 100/200/OmniBook

Better than a hard disk on a card—with flash memory chips and a built-in solid-state controller. It slides into the PCMCIA Type II or Type III slot of your instrument and is 100% MS-DOS compatible.

No back-up is required—**this is a back-up!** Flash memory is non-volatile so there are **no batteries**. This means no replacements for you. It also means **super reliability**—up to 100 years! Your flash card will be up to **20 times faster** than a hard disk drive, and it will consume **100 times less power**.

All flash cards come with built-in data-compression routines (Stacker LZS technology). These cards are marked for 2:1 compression ratios in our descriptions, but spreadsheet files may compress at a more than 3:1 ratio while some DOS files may have only a 1:1 ratio.

An independent magazine test showed, "*Clearly, the IBM/ Toshiba NAND ATA card outperformed all the other card/ driver combinations.*"

Plug-in SRAM Cards

for Palmtop or OmniBook

■ access data super fast
■ store giant spreadsheets
■ run huge programs

Each card has its own long-lasting battery—it can be stored or mailed without losing the data or programs you've filed on it.

These cards satisfy PCMCIA specifications—they fit in the HP 95, 100 or 200, the Sharp PC-3000 and the NEC Ultralite.

PreMax

#2987 [512K PreMax SRAM Card].............$99
#2988 [1 MB PreMax SRAM Card]...........$139
#2989 [2 MB PreMax SRAM Card]...........$229

Solid State File Card

for HP 200/OmniBook

IBM®

#3423 [3MB\6MB Flash card] $199
#3424 [5MB\10MB Flash card]....................$259
#3425 [10MB\20MB Flash card].................$419
#3426 [20MB\40MB Flash card].................$739
#3427 [30MB\60MB Flash card].................$999
#3428 [40MB\80MB Flash card]..............$1239

HEWLETT PACKARD

#F1024A [1.8\3.6MB Flash card]...............$199
#F1215C [6\MB12MB Flashcard] $409
#F1013C [10\MB20MB Flashcard] $579
#F1014C [20\MB40MB Flashcard] $959

EPSON®

#2917 [2.5\5 MB compr Flash] $269
#2918 [5\10 MB compr Flash] $339
#2919 [10\20 MB compr Flash] $539
#2920 [20\40 MB compr Flash] $839

Carrying Cases
for the HP Palmtop

PALMTREE
PRODUCTS, INC.

Look good being safe!

Handy outside pocket plus inside pocket for IC cards, etc. Leather model is soft and elegant; has a belt clip. Nylon model is made of washable, waterproof fabric. Both are black.

#2519 [Nylon Carry Case] List $25 .... $19.95
#2520 [Leather Carry Case] List $40 ... $27.95

the Leather Desk
our best organizer for the executive's HP Palmtop

EduCALC

Sumptuous black napa leather coddles your palmtop, with extra padding for instrument protection. Software and memory cards fit into 6 slots, 2 pockets hold notes and diary. There's a compartment for important documents and a loop for your pen.

It feels soft and rich in your hand, but there's a detachable carry strap, too. Plastic tray (included) grips your computer; 8.25 × 5 × 1.75 inches outside.
#2764 [HP Leather Desk] $64.95
#LT1 [extra plastic tray] $7

Cigarette-lighter Adapters
for the HP 95/100/200 and portable printers　**EduCALC**

Our #2783 powers the HP 95/100/200 or the HP InfraRed printer. #2862 powers HP 95/100/ 200, IR printer, or the HP DeskJet printers.

#2862 [Cig-lighter Adapter] List $45 .... $39.95
#2783 [Cig-lighter Adapter] List $40 .... $34.95

Econo Adapter
for HP 100/200 only

EduCALC

110 volt, 60 Hz input. 90 day warranty. Recharges NiCds in your HP 100/200.
Stock #3045 (AC Adapter) $15.95

AC Adapter
for your HP Palmtop　**hp HEWLETT PACKARD**

Input 100-240 VAC, 50/60 Hz; output 12VDC, 0.75A. Power for HP 95/100/200 or HP 82240A/B Printer. Recharges NiCds in your 100/200. List $40.
#F1011A [USA/Canada Adapter]........... $34.95

Nickel Cadmium Rechargeable Batteries

The HP 200 requires 2 AA batteries, and alkaline batteries come with it. If you replace them with Ni-Cds, the HP AC Adapters (#F1011A) will act as a recharger. You'll get up to 1000 recharges on each set.
#NAA [NiCd 0.5 AH, AA] $2.89
#2784 [NiCd .85 AH, AA, qty 2] $6.95

How to hook up your HP 100/200

If you're running Windows, get Intellilink (#2517A).

For DOS, all you'll need is HP's Connectivity Pack (#F1021B) — it connects to PCs, printers, modems and other peripherals. With the Connectivity Pack you'll also be able to run HP 100/ 200 applications, like Appointment Book, on your desktop PC.

Infrared Connectivity Pack
for HP 100/200/ OmniBook

litelink

Zap: you're backed up— Zap: you're downloaded
Compatible with #F1021B software.
#3102 [IR Connectivity Pack] List $99 .. $89.95
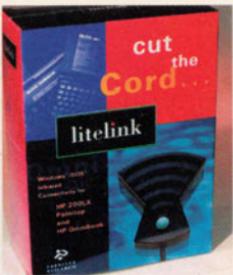
Keep your PC and palmtop in sync!
HP 95/100/ 200/Psion/ Zaurus

Windows 95 compatible

Intellilink

Transfers between the basic functions of the OmniBook, HP 95/100/200, Psion Series 3/3a, Sharp Zaurus, Casio Z-7000, Tandy Z-PDA, and Windows applications on the PC. Data is translated between formats and reconciled, allowing merging of new data with old. Schedule, Telephone, To-Do, and Memo are supported with the following PC applications:
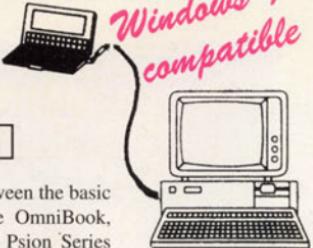
ACT! for Wins 1.1B/2.0	1.x/2.0Sidekick95
ASCII (CSV) file format	1MS Schedule+
1.0/2.0CaLANdar 2.55/3.11	Commence 2.0/2.
dBASE III/IV	DaytimerOrganizer 2.0
Lotus Organizer 1.0/1.1/2.2	ECCO 1.1A/2.0/3.0
Now UpToDate for Win	Excel 5.0
Polaris PackRat 4.1/5.0	Paradox 3.5/4.0/5.0
Sidekick 2.0 for DOS	Polaris Advantage
Win Cardfile/Calendar	Sidekick for Win
WordPerfect for Win 6.0	Word for Windows 6.0

Requires serial cable and PC running Windows.
#2517A (IntelliLink 3.4.3, 3.5") $94.95

Thanks for your order!

Connectivity Pack
HP100/200 to desktop PCs

HEWLETT PACKARD
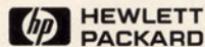
Seamlessly transfer files and worksheets directly or via modem, with a convenient split-screen filer interface. Includes desktop PC versions of most of the built-in PIM applications of the 100/ 200 (and they are fast). Also has 3 other PC programs—one merges, synchronizes or translates Phone Book or Appointment Book files, and LapLink lets your palmtop treat the PC's drives as its own. You'll also have the ability to synchronize Pocket Quicken with desktop DOS or Windows Quicken data files.

Includes a cable and adapters to connect your HP 100/200 to a 9- or 25-pin PC serial port, a modem or a printer. PC must have 286 processor, DOS 3.31 or higher/ Windows 3.1 and EGA or better; software will run as a DOS application under Windows.
#F1021B [Conctvty Pk, 3.5"] Lst $125..$109.95

The following are included in Stock #F1021B
#F1015A [48/P-top to 9-p Ser Cble, 6']...$24.95
#F1023A [Serial Cable Adapter Kit] $24.95

Serial Cables
EduCALC

■ Engineers
■ Instrument Makers
■ Hobbyists
Connect your HP 95/ 100/200 to anything you want! Six foot cable has 4-line serial connector (2601) or 10-line (3003) molded onto one end, with the other end unterminated.

You can also order this cable terminated with a female 9-pin (computer RS-232) connector and built-in strain relief (#2609 and # 2793).

#2601 [Unterm Ser Cble, 95LX, 6'] $15.95
#3003 [Unterm Cable, 100/200LX, 6'] .. $16.95
#2609 [HP 95 to 9-pin Serial Cable, 6'] ..$22.95
#2793 [100/200 to 9- pin Ser Cable] $22.95
#2936 [HP 10 pin RJ 45 Cable, 9']..........$20.95

Battery-powered HP 95/100/200 to Parallel Printer Data Converter

Greenwich Instruments

Get beautiful printout—now your HP 95/100/200 can drive a portable parallel printer (such as the Canon BJ-10e Bubblejet).

You connect this serial-to-parallel converter to any palmtop via a serial cable, and send its output to any parallel printer via a 'Centronics' 36-lead cable. Up to 250 hours on one 9v battery (not included).

#GA935 [Ser/Parallel Converter] $54.95
#9V [Alkaline Battery] $2.80
#F1015A [48/P-top to 9 pin Ser Cable]...$24.95

PocketJet
ultra-light, ultra compact 300 dpi thermal printer— the world's smallest!
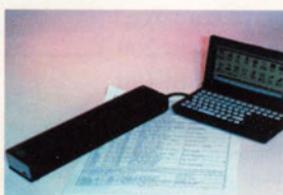
PENTAX

Up to 3 ppm on a nice flat thermal paper, yet it's only 2 lb with battery and adapter, a tiny $10.04 \times 2.16 \times 1.18$ inches. Recharges in 70 minutes. LaserJet IIP (PCL4) emulation, with 7 HP internal fonts plus downloadable fonts.

Everything is included: parallel cable, AC adapter/charger, battery, carrying case & 100 sheets of paper; DOS utility, User's Guide, & Quick Reference Card.

#3294 [PocketJet] List $449 .... $399.95
#3295 [100 sheets Therml Paper] $7.95
#3062 [Shier HP 100/200 Serial Cable] $29.95
#3106 [Serial Interface Cable] $24.95

PN50 & PN60
portable 360 dpi plain-paper printers with color & battery options

CITIZEN

Small ($10 \times 2 \times 1.85$ inches) and light (1.1 lb, plus .4 lb optional battery). Prints 2 ppm on cut sheets, letterhead, even transparencies. You'll get about 30 text pages on a black cartridge (included) or 3-5 pages with color (optional, PN60 only). Comes with parallel cable and also accepts RS-232C serial (cable optional). Accepts TrueType and other fonts, has 5 resident fonts; 64-100K bytes compressed buffer.

PN50 is black & white only. Comes with international power adapter, Windows driver, User Manual; 2-yr warranty. PN50 requires Serial/Parallel Converter.

#PN50 [PN50 Printer] List $399...........$249.95
#PN60 [PN60 Printer] List $399 .... $349.95
#3289 [Ni-Cad Battery] $79
#3290 [Car Adapter] $44.95
#3061 [Shier 100/200 toPN60 Cable]...... $34.95
#3292 [2 Black Cartridges] $8.95
#3293 [2 Color Cartridges] $13.95

Link-A-Printer   *Brand New*
Serial-to-parallel converter for OmniGo 100, HP 100/200LX

Greenwich Instruments

Plug one end into your palmtop and the other into any parallel printer. Off/On switch, fast 9600 BAUD.
#3373 [Link-A-Printer II] List $79 .... $69.95

Connectivity Products
for HP 95

HEWLETT PACKARD

#F1015A [48/P-top to 9 pin Ser, 6'] $24.95
#F1023A [Ser Cable Adapter Kit] $24.95
#F1016A [Mac/Apl to 95/100 Cable] $24.95
#F1001AS [HP 95 Con Pk, Spanish] $79.95
#2609 [48/95 to 9-pin Ser Cable, 6']........$24.95

R/F PalmStation Plus
for HP 100/200
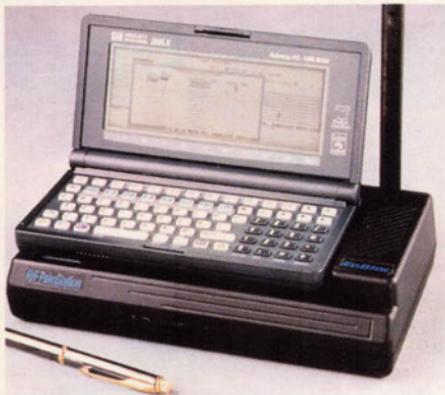
free yourself from phone lines, external modems and cellular networks

That's right! Pop your HP Palmtop into this docking station to get an instant wireless connection from virtually anywhere. Whether you're in a high-rise, a delivery truck or a city park, you'll have access to the whole world.

R/F PalmStation Plus comes complete with a wireline modem, too—just plug it into any phone jack (cable inc) and you're on the Internet. Also has RS 232 serial I/O port to connect to a computer (cable inc). Operates 10 to 12 hours on a charge, so you can work the whole day through without recharge (wall adapter and automobile adapter inc). Does not use your 100/200 card slot.

Only weighs 1.7 lb without HP Palmtop; 8 × 4.5 × 2 inches; 3W transmission; manual. 1-yr warranty. Airtime Services Agreement form included in your box.

#10020A [R/F PalmStation Plus] $895

Experience the freedom and power of portable, wireless computing with

Personal Messenger

Ⓜ **MOTOROLA**

100D Wireless Modem Card

Small, lightweight PCMCIA Type II format—works in most portable PCs, including HP 100/200LX, HP 600C/CT and the PTV-30.

Self-powered for stand alone operation—accepts rechargeable NiCd or standard 9v batteries, and can receive and store messages while not connected to computer.

Weighs only 155g (0.34 lb) with battery, 8kB RAM, 1W transmission; 1-year warranty. Airtime Services Agreement form included in your box.

#3422 [Wireless Modem Card] $689

10 × 10 Cable
for fast data transfer, HP 200 to 200 HP 100 to 100
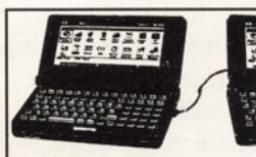
EduCALC

Works with two HP 200s or two HP 100s, at maximum speed. 2' cable has 10-pin serial connectors on both ends and is small enough to fit in a case with your instrument.

#2624B [10 × 10 Cable] $22.95

EduCALC News Line (714) 582-3976
Phone EduCALC any time for weekly reports on the latest products and activities for handhelds and palmtops. Updates are made each Tuesday. Topics include new products or ser-vices, special offers, novel applications, and news about the activities of user groups.

Travel Floppy 144
take this 3.5' disk drive with you —
connects to any PCMCIA type II slot
for HP 100/200

Accurite

Small ($4 \times 6.3 \times$
.85 inches) and
lightweight (18.9
oz)—so you can
up- and download
large amounts of data on the road.

You can hot-swap the type II PC-card con-troller so
you can move files without exiting the software in use
—for quick, simple and economical backups and
transfers.

Controller card comes with its 18-inch cable—AC
adapter included (required with HP 100/200); man-
ual, software drivers and utility. Requires connectiv-
ity kit. Not for HP 95LX.

#3051 [Travel Floppy 144] $229

Fax/Modem
& Memory
**PCMCIA Type II card
for 100/200/OmniBook**

APEX DATA

**Combines 14.400/9600 bps fax send/ receive and
2400 bps modem with the memory—6MB —that
turns your HP portable into a real mobile com-
munications center.**

Features error correction, fallback for slower-speed
modems, auto dial and answer. Prints incoming faxes
on HP LaserJet & most other printers, schedules
faxes for economical phone rates, faxes to multiple
destinations. Has built-in phone-line interface, Auto
Stand-by and Sleep modes (lowest power consump-
tion), and is COM 1 or COM 2 configurable.

The 6MB Flash memory can be used to store Fax,
data or other files. 5 yr warranty. List $449.

#3054 [Fax/Modem & Memory, 6 MB]......$389

Swap Box
internal PC card drives
*full PCMCIA
compatibility
for your desktop*

SCM

Here's the bridge, between your PCMCIA-
equipped palm top and any desktop PC.

Now you can share the same set of function cards
in both machines—save on the cost of peripherals like
memory cards *and also* FAX/Modems, LAN adap-
ters, etc. You'll maximize your computing investment
dollars.

Each drive accepts all PCMCIA release 2.0 cards,
types I, II and even big, fat type III. Each carries an
unprecedented **5-year** limited warranty, the hallmark
of fine engineering and precision manufacturing.
Each transfers data at 2MB/sec.

Entry-level drive #2977 has a single slot with
access at the rear of your PC, #2978 has a single
front-access slot, and power-user's #2979 has both
slots (one front and one rear, for simultaneous use).

2-in-1 drive #3304 gives you 2 PC-card drives in a
single front drive bay, while all-purpose #3305 has
one PC-card slot and one 3.5" floppy slot, both in one
drive bay.

#2977 [Swap Box Lite] List $92 .... $79.95
#2978 [Swap Box Classic] List $152 .... $114.95
#2979 [Swap Box Premium] List $185..$179.95
#3304 [Swp Bx Classic × 2] List $155 ...$134.95
#3305 [Swp BClas Combo] List $219....$189.95

Read our mail from New York—
"EduCALC is really the leader
store in the sale of calculators
and computer products. Keep up
with your good work!"
Krishna Shukla, Buffalo

## ThinFax 144LXM
Modem & Memory
for HP 100/200

EXP

■ 14.4K bps send/receive data/fax
■ 2, 4 or 8 MB built-in flash memory (optional)
Compatible with cc:Mail and Datacomm; automatically programmed to be COM2 by your HP 100/200.

The faxes you receive can be stored in memory (optional) right on the card, so you get both functions in your one PCMCIA slot, memory and communications. Error correction, data compression, auto-dial/answer.

#3057 [ThinFax 144] List $329 .... $229
#3058 [ThnFx 144, 2MB Fl] List $379 ...... $279
#3059 [ThnFx 144, 4MB Fl] List $429 ...... $339
#3108 [ThnFx 144, 8MB Fl] List $599 ...... $499

StarLink
wireless receiver card
for 100/200/OmniBook

HEWLETT PACKARD

■ News and Sports
■ Stocks and Company Reports
■ Messages from anyone with a telephone, anytime, anywhere
■ email from anyone with a modem, anytime, anywhere
■ update your appointment book

You just plug this into a PCMCIA Type II card slot; receiver card contains StarLink software. Then choose coverage to match your needs—local, regional or nationwide—news and sports, stocks, or any of a whole list of options. Call 1-800-917-LINK for service pricing information or answers to technical questions.

StarLink card has a bulge outside your palmtop or laptop card slot—includes one AAA alkaline battery with approximately 21 days life, 128KB applications flash and 128KB message RAM memory. One year warranty with Express Exchange overnight replacement if you need it. List $229.

#F1028A [StarLink Receiver, card] $219

Software Carousel
memory management software
for HP 200LX

SunShine
SoftwareCompany

hot-key switching among up to 12 programs
If you are a power user, here's fast, easy, simple memory maximization.
3.5" disk, user's guide; 60-day replacement warranty. Phone, fax or email Sunshine tech support.

#3431 (Software Carousel) List $90 ....$79.95
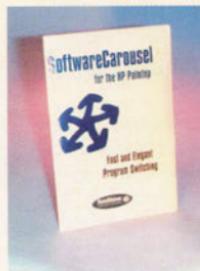
EduCALC Bulletin Board System

The EduCALC Bulletin Board System is another method of support from EduCALC! To better serve its customers, EduCALC has installed a dedicated, state-of-the-art, multi-line Bulletin Board System (BBS).

EduCALC customers can do the following free of charge:
■ place a catalog order
■ request help from technical support
■ view/download current catalog information
■ view general message areas
■ read and respond to classified ads
■ order and download selected software on-line
■ download from general file areas

For a small subscription fee, EduCALC Bulletin Board Priority Customers will get all of the above *plus*:
■ view/download the latest catalog before it's released
■ place classified ads
■ view weekly specials available only to priority customers
■ special download file areas
■ other valuable benefits

The EduCALC Bulletin Board System can be reached at (714)348-8115. Set your communications software to 8 bits, no parity, 1 stop bit (8-N-1). Baud rates up to 28.8K are supported.

EduCALC BBS (714)348-8115 8-N-1
### Sys Op (714)458-1578

NEW SERVICE—CD-ROMs
Orders can now be placed through the EduCALC Bulletin Board System for pre-mastered CD-ROMs. A video-to-CD-ROM service is also available. Log on for full details!

ACT! v 1.1
for HP Palmtops
on 3.5" disc

Symantec

take your ACT! on the road

you'll have the world's most popular contact-management software where you need it most—right with you, in your palmtop.
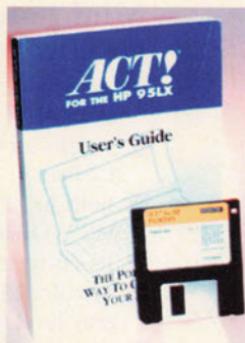
Track your contacts and clients

- Tracks up to 4000 contacts
- Automatically-updated contact history
- 71 user-definable fields
- User-definable, pop-up windows for easy data entry
- Hide/protect field attributes
- Database Password Protection
- Instant contact 'Look-Up' capability
- User-definable and keyboard
- Date-stamped notes for each contact search

Generate reports, to view, file and print out

- Address list
- Contact report
- Phone List
- Tasklist for all activities
- Future Activity report
- Calendar of to-do's

Manage your calendar and to-do list

- Daily activity list of calls, meetings and to-do's
- Instant 'asklist' for any date-range
- Week-at-a-glance calendar view
- 'One-finger' scheduling of multiple activities
- 'Pop-up' alarms for critical activities

Track all your expenses, on the fly

- Expense detail, billable hours and mileage
- Expense reporting by date range or type of expense

#3031 (Act! for Palmtops) List $129 ......$99.95
#F1015A [Palmtop to 9 pin Cable, 6'] $24.95

Sale—digital card dieting for only **$59.95**

Personal Food Analyst, Consumer Version
Nutritional software for your HP 95/100/200

- Used by all 1st year students at Univ. of Arizona Medical School
- Recommended by Take Care, Inc., one of the country's largest HMOs

☞ *Take control of your own body!*

Take this intelligent diet program along with you—it will analyze food for 27 nutrients to show you how much you should eat (based on your personal profile and daily goals), record what you do eat, and keep track of how well you've done during the past week (printing it out if you wish).

Comes on 1 Meg ROM card to slide into the slot on your HP Palmtop—so easy to use that in 20 minutes it will start having a stunning effect on your health and appearance! Illustrated booklet included.

Stock #2852 (Per Fd Analyst) List $149 ... $129
$59.95

PC in your Pocket
### edited by Ed Keefe

Brand New

for 95/100/200
- the how-to book for HP palmtops
- tips and tricks from users worldwide
- real-life stories of how people use the palmtop in their own lives

Here are the best, most useful articles culled from 10 years of the HP Palmtop Paper, a bimonthly, independent support newsletter.

Chapters cover an Overview, Staying Organized, Info When You Need It, Typing Tricks, plus all 9 of the other topics you'll want to help with.

#3134, PC in yr Pocket, 274p sftbnd $19.95

Mini Note
the price is right

- ■ **fast 386SX chip runs at 25MHz!**
- ■ **weighs an unbelievable 1.2 lbs**
- ■ **built-in PIM and MS WORKS 2.0**
- ■ **touch-typable keyboard**
- ■ **80 col × 25 line CGA on 16-gray level supertwist LCD**
- ■ **built-in DOS 5.0, and it will run Windows**
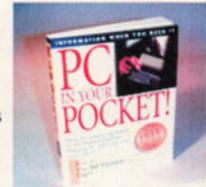
Prolinear

Just what you've wanted—fast, and big enough to type on (a superpalmtop) yet small and light enough to carry like a book (a subnotebook).

Big yet small? 9.5 × 4.5 × 1.25 inches, with 7.5 in diagonal screen.

Can you type on it? 82 key (about 80% size) QWERTY keyboard, so you'll type at about ¾ speed after a half-hour's practice.

Can you read it? 640 × 200 pixel resolution with contrast control on keyboard.

What exactly is WORKS? Microsoft's all-in-one office program—Word Processor, Spreadsheet, Data Base and Communications programs, designed to fit together. There's also PIM software—File Management, Planner, To-Do list, Calculator and Phone/Address Book.

How big is the memory? 2MB or 4MB RAM. But all your WORKS and PIM software runs from 2.5MB ROM, so you'll have room for some big files in RAM.

How flexible is it? 2 Type III PCMCIA card slots, for software, hard drive or more memory. Standard serial and parallel ports, to connect to your desktop PC or printer. Model #3459 includes modem with phone jack. Runs on 4 AA batteries (10-20 hours; rechargeables OK) on AC adapter,

What comes with it? 226p Owner's Manual, AC Adapter, 3.5' Serial Cable, snug Carry Case, batteries; 1-yr warranty.

#3457 [Mini Note 2MB] List $985 ....$879
#3458 [Mini Note 4MB] List $1134 ....$1039
#3459 [Mini N 2MB/Modem] Lst $1114...$1029
#3112 [Executive's Leather Case]............$79.95

New!

Just Arrived—new Series 3c with backlit screen, infrared port, plus all the 3a features....................$549
#3463 [Psion 3c 2MB] List $599

Get $75 Cash Back from Psion. Order your Psion 3a 1 or 2MB before 12/31/96. Coupon in box.

The world's favorite palmtop—for word-processing and for programming.

Big 80 character by 17 line, full-page screen has sharp CGA graphics and a Windows-like interface. Built-in Solitaire game.

Easy-to-type QWERTY keyboard, yet it weighs only 11 oz and folds to pop into your pocket, 6 × 2 1/2 × 3/4 inches. Two AA batteries last months.

A single key switches you between functions:

- ■ **word processor**—fonts, styles, password, built-in spell checker/thesaurus
- ■ **spread sheet**—shows entire 12 months at once, 1-2-3 compatible
- ■ **programming language**—like BASIC, with compiler

MS Automap plans your route

Going on a trip? Take your Psion—simply tell it where you are and where you want to go. Your 3a will tell you the most direct, least expensive way to go.

Road Atlas spans 150,000 cities and towns in the US, plus 423,000 miles of road. Selects Interstate or divided highways, or else secondary roads. Allows for stops on the way, gives you graphic overviews, table views, split-screen, and lists every turn you take; then it plots your progress.

Comes on solid-state card, runs on Series 3a, all memory versions.

#3401 (Road Atlas, card) List $120 .... $99.95

■ **personal info management**—addresses, calendar and To-Do with alarms

■ **database**—fully customizable and extendible

■ **scientific calculator** ■ **auto dialer** ■ **world time**

Built-in microphone and digital audio system so you can record reminders. Speaker doubles to auto-dial tones with any phone. Two proprietary card slots for software or memory; 1-yr warranty.

#3310 [Psion 3a 1 MB] List $595	**$399**
#3311 [Psion 3a 2 MB] List $695	**$539**
#2626 [128K Flash, card] List $65...........	**$54.95**
#2629 [1MB Flash, card] List $195	**$149.95**
#3079 [2MB Flash, card] List $295	**$224.95**
#3098 [Win Link + Cable] List $120.......	**$89.95**
#3077 [Mac Link + Cable] List $120.......	**$89.95**
#2967 [Serial/Printer Link]	**$24.95**
#2966 [Parallel/Printer Link]	**$49.95**
#3093 [3FAX/Modem] List $295	**$224.95**
#2970 [SpChkr/Thesars, crd] Lst $100 ...	**$79.95**
#3089 [Games 3a, card] List $100	**$79.95**
#3313 [AC Adapter]	**$19**
#3368 [Vinyl Case]	**$20**
#2763 [Leather Organizer] List $90	**$57.95**
#2517A (IntelliLink, 3.5") List $100	**$94.95**

Quicken-compatible
Personal Finance Software

Designed for the American 3a user. 125-p Owner's Manual, 3.5" disk.

#3409 (Banker 2.0) List $120 .... $99.95

ACT! for Psion

Contact Manager similar to ACT! for Windows (see page 15 for full description).

#3410 (ACT! for Psion, card) List $120 $99.95

Envoy 150 wireless communicator

■ **No wires** (M) **MOTOROLA**
■ **No limits**
■ **Fits in your palm**

Receive and send email in the middle of an all-day meeting, send a fax from the back of a cab, or check stock prices while waiting for your next appointment.

Communicate wirelessly with any fax machine in the US, or computer with a fax modem. Reach anyone with an Internet address including people using AOL, Compuserve, Prodigy and LAN-based email systems with Internet gateways. 9600/ 2400 fax baud; 4800 wireless.

It is a giant-screen organizer, too—use a serial cable (optional) to print files through your PC or download data to/from Macintosh or Windows based applications, including the entire contents of your Lotus Organizer.

Comes complete with software, including communications via AT&T, RadioMail, OAG and AOL. Ardis Personal Messaging available for 2-way wireless service covering 10,000 cities and towns with fully automatic roaming. Pocket Quicken is a bonus.

The unit is the size of a paperback book, weighs less than 2 pounds and has a simple touch-sensitive screen. Two PCMCIA slots, type II; Motorola reliability with a 1-yr warranty.

Make the most of every minute of every day. Get ahead by staying ahead.

#3447 [Envoy 150].......................................	**$1295**
#3448 [System Carry Case]	**$39**
#3449 [Travel Charger, for auto]...................	**$39**

HP OmniGo 120 Organizer Plus

☞ You choose—Pen input *and* Keyboard inout

☞ Unequalled *financial capabilities*— you'll have the familiar *HP 12C* emulated on your screen, plus TVM, cash flows and the HP Solver

☞ With built-in *Pocket Quicken*—you can instantly organize your finances— connect to PC *Quicken* and *ExpensAble*

Hardware Platform
- 80186 running at 16 MHz
- 1 MB SRDRAM
- 3 MB ROM
- 1 PCMCIA Type II card slot accepts RAM, not most Flash
- 1 RS232C serial interface
- GEOS Operating System
- 2 AA & 1 lithium batteries
- 11 ounces, pocket size
- Dimensions: 6" × 3.7" × 1"

New, easy-to-read holographic display

On a plane, at a trade show, even on the beach— [hp] HEWLETT PACKARD
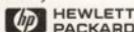
Check your *calendar*, make *to-do* lists, look up *phone numbers* and access a *database*. Use an *electronic* .

Save money with OmniGo 100

If you don't need the very brightest and clearest of displays, get the OmniGo 100—it comes with free Pocket Quicken (on disk, serial cable required to download). Free "Power Pac"—see p. 48.
#F1310A [OmniGo 100] List $302..............$239

OmniGo Link to Windows PC

for OmniGo 100/120 [hp] HEWLETT PACKARD
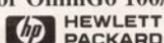
Available November '96

Expand your OmniGo's power!

All you need to connect to your desk PC, and more. Includes 4- to 10-pin connector and 1.5 m serial cable.

Automatically synchronize the data between your organizer and PC—Phone Book, Appointment Book, Notepad and Database info with most popular PIMs as well as HP PIM software for your PC (included).

Includes 6 Strategy Games, Clip & Go Software.
#F1036A [Link to Windows PC] ....Call
PC Connector/Adapter Kit contains complete set of 4 adapters: 9- to 25-pin for printers, 9- to 9-pin gender changer or 9- to 25-pin for modems, and 9-25-pin for PCs.

#F1023A [PC Connectr/Adaptr Kit].......$24.95
#F1015A [extra Serial Cable] $24.95

Connectivity Pack

for OmniGo 100 [hp] HEWLETT PACKARD
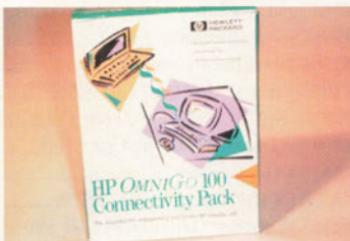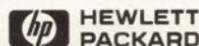
Backup and download with any Windows PC. Synchronize ApptBk, Phonebk and Notepad data in 1 step—desktop PIM is included.

Easy data entry using PC keyboard — data import/export using CSV, TSV or dBASE file formats, even from Casio, Sharp and Psion organizers, or import from 100/200LX. Win 95 compatible.

Comes on 3.5" diskettes with serial null-modem cable, 9- to 25-pin serial cable adapter, User's Guide. Cable only also available. List price: $120.

#F1311A (Connectivity Pack) $49.95

notepad to organize by drag and drop, then store notes *Worldtime* with alarms and stopwatch. You can even play *Solitaire* or view electronic content using *Geoworks Book Reader*. You can add memory, connect to printers, PCs and more with optional HP and 3rd party accessories.

You can input with the keypad or use Graffiti, the easy-to-learn pen method that's really reliable, for data entry.

You can dynamically link your built-in Clip & Go clipboard to a Windows PC clipboard with optional 'Link to Windows PC' (#F1306A).

You'll have *TVM* for loan amortization and interest rate calculations; *Cash Flow* for interest rate, PV, FV and period calculations with variable payments or deposits; *Business Percentage* for markup, margin and percent change; *Conversions* you use for currency, length, area, mass, volume and temperature; *Spreadsheets*; *Statistics* in 1 and 2-variables to fit a curve or graph data. Plus a complete *HP 12C Calculator* emulated on your OmniGo 100 (manual optional).

#F1305A [OmniGo 120] List $489 .... $389
#718, HP 12C Owner's Manual $14.95
#F1314A [extra Pens, 3 pack] $10
#H5465A [HP Support Pack] $85

Compact Flash Card

for OmniGo 120

HEWLETT PACKARD

Matchbook-size removable card fits in adapter (included) which goes into any PCMCIA PC Card slot. Uses no battery, low power consumption, shock resistant.

#F1302A [2MB CF card & adapter]..........$239

RAM Cards

for palmtops and organizers

PreMax

Dual lithium batteries beep you when low; 3-yr warranty.

#2987 [512K RAM card] $99
#2988 [1MB RAM card]..............................$139
#2989 [2MB RAM card].............................$229

Strategy Games
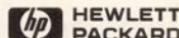
for OmniGo 100   **HEWLETT PACKARD**

Tiles, a version of Mahjong ■ **Uki,** a version of the animated stones game ■ **Black Box**, player finds hidden atoms with lasers ■ **Decode**, a twist on Mastermind ■ **HiHo**, a multi-level version of Go ■**Four in a Row**, a multi-dimensional tic-tac-toe.

Comes on 3.5" diskette, download to install.

#F1313A (Stratgy Games for 100).......... $49.95

Flash Memory Cards   Magic Ram

high capacity OmniGo plug-in memory

No back-up required—this is a backup—no batteries, super reliable. Fast, low power, durable, with lifetime warranty.

#3432 [2MB Flash Memory Card] $169
#3433 [4MB Flash Memory Card] $249
#3434 [8MB Flash Memory Card] $379
#3435 [10MB Flash Memory Card] $449
#3436 [20MB Flash Memory Card] $759
#3437 [40MB Flash Memory Card] $1399

the Leather Desk

our best organizer
for the executive's OmniGo 100

EduCALC

Sumptuous black napa leather coddles your OmniGo 100, with extra padding for instrument protection. Software and memory cards fit into 6 slots, 2 pockets hold notes and diary. There's a second compartment for important documents and a loop for your pen.

It feels soft and rich in your hand, but there's a detachable carry strap, too. 8 1/4 × 5 × 1 3/4 inches outside.

#2763A [OmniGo 100 Leather Desk] $57.95

Rich and Elegant Black Leather Carry Case

for your OmniGo 100

EduCALC

hi-touch safety for your hi-tech investment

Slim, trim and impressive, yet this formfit beauty protects your OmniGo from all those inevitable spills, scratches, knocks and drops.

Pocket in flap holds PC card or business cards; velcro closure. .

#3125 [Leather Carry Case] List $40......$27.95

Fitness Tracker *Brand New*
for OmniGo

J. Justin & Associates

Do you work out?

Track and maximize your performance in aerobic exercise regimens and competitive events.

Performance Calculator assigns a grade to each set. Custom Exercise Library accepts any type of exercise from free weights to track and field events and you can develop custom routines for them. Pop-up lists.

You'll get feedback dynamically, even during a session—useful statistics, so you can adjust performance. View present set simultaneously with past 4 sessions', or scroll to last week's or last month's!

Personal version tracks 2 trainees at once—also has Print feature for any single session with machines.

Professional version tracks multiple clients with differing routines, accepting forms in Phrase/Template Library to generate and Print progress reports, Notes and Billing Forms. 3.5" disk, Manual.

#3460 (Basic Fitness Tracker).......................$119
#3461 (Personal Fitness Tracker)................$139
#3462 (Professional Fitness Tracker).........$199
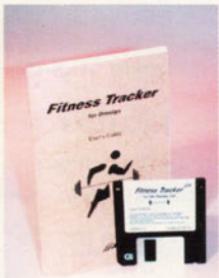
Zaurus ZR-5700   SHARP

keyboard enhanced PDA with new built-in Spreadsheet and Communications Applications

- ■ Excel-compatible Spreadsheet application
- ■ Compuserve Companion—access email, news and forums
- ■ AT&T Mail— send/receive email while away from your PC
- ■ Remote Access Software—access your PC files
- ■ Touch Screen, PC Card Slot Type II, Serial Port, Infrared beam
- ■ full PIM applications, including Clocks, Calculator, Word Processor

CE-FM4 Fax/Modem or PC card required for communications applications, plus PC pager card and pager service for pages.

#ZR5700 [Zaurus] List $599 .... $519

Zaurus ZR-5800/ZR5800FX
Backlight Illuminated Display
and 2 MB Memory (1.6 MB user area)

SHARP

■ Plus all the powerful features of the ZR-5700. Dimensions: 6.7" × 3.9" × .9".Weight: 14 oz.

#ZR5800 [Zaurus] List $699 .... $619
#ZR5800FX [Zaurus + Fax/Modem] $699
#CEFM4 [Fax/Modem] $139
#CEIR1 [Wireless I-face for Printer].........$145
#CEIR4 [IRDA Wireless I-f for PC] ... $144.95
#CEBK1 [Batt Pk, Recharg] List $150......$129
#EA23E [AC Adapter for Zaurus] $7.95
#ZR5C01 [AT&T Mail Software] $69
#EA11E [AC Adapter for CEIR1] $7.95
#2767 [512K Epson SRAM Card] $119
#2768 [1 MB Epson SRAM Card] $169
#2517A (Intellilink, 3.5") List $100 .... $94.95

Serial and Parallel Interface Kit for Zaurus or Wizard

| Aegis |

Access PCs, modems, printers, etc. directly—Wizard PC transfer requires software: contact Sharp.
#3383 [Sharp Interface Kit] List $90 .... $69.95

pilot
The one touch organizer

U.S.Robotics®
The Intelligent Choice in Information Access

At last—the tiny organizer you Hot-Sync with your PC—then pop in your shirt pocket or purse.

Back-up, download and up-date—all with one key, automatically.

Addresses, phone and fax num bers, with notes—you can keep up to 15 address lists.

Calendar, day's agenda—scan for open time slots, attach notes or alarms.

ToDos—sort by priority or due date.

Notes—jot on the road with stylus or key-board, then drag and drop into programs on your computer.

Calculator and **Find**, too, at a touch.
$4.7 \times 3.2 \times 0.7$ inches, and only 5.7 ounces! Pilot 1000 holds over 1000 records, Pilot 5000 over 5000; 8 to 12 weeks on 2 AAA batteries, included.

Comes complete with PC organizer software, docking cradle with cable and adapter, stylus, carry pouch, User's Guides, Quick Start Card; 1 yr warranty.
#P1000 [Pilot 1000 Organizer]....................$289
#P5000 [Pilot 5000 Organizer]....................$369
#3117 [1MB mem upgrade, Pilot 1000]......$159
#3133 [IntelliSync] $69.95

Pentium Power at 133 or 100 MHz

Instant-On— no more boot and wait

1-34GB or 772 MB Hard-Disk Drive

16-bit Stereo Sound with mike and in/out ports

Lightest Desk Top-to-go comes with both— Win 3.11 & Win95— you choose

SVGA Color—10.4" TFT or 10" DSTN

Easy-to-use pop-up mouse

16 MB RAM— expandable to 48 MB

Supports Hot-Docking
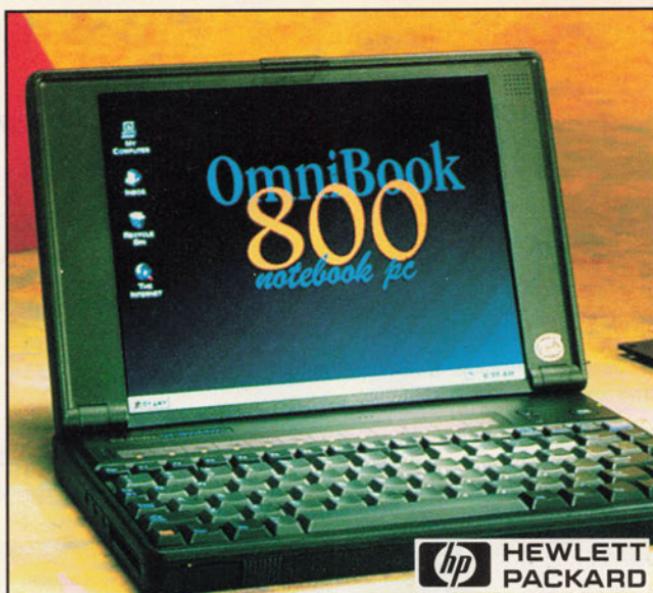
Lightest and Smallest full-function PC—only 3 ¾ lbs with battery—so it's the most convenient and powerful subnotebook on the market.

Convenience is what portable computing is all about—if you prize it above all else, the OmniBook 800 is for you. Here's the portable that still fits on the incredible shrinking airline tray table. It will run till you land, too—*up to 3 hours on a charge.*

The 800CT has a big brilliant 10.4 inch TFT (thin-film transistor, active matrix) display; the 800 CS a 10 inch DSTN (passive matrix). Both use a new lithium-ion battery that get 40% longer life.

This is the speed and power you want to run your own DOS or Windows software—the exact word processor, database, spreadsheet or whatever you are used to. Handy HP PIM software is built in, too.

You'll be using a full-size standard keyboard— this is the only notebook under 5 lbs that offers instant, effortless touch-typing. Plus, when you turn it ON *it wakes up instantly where you left OFF*—no more rebooting.

Built-in pop-up mouse works just like the desktop mouse but without the hassle. *Portable Computing* magazine gave this mini-mouse its Exceptional Merit Award—only HP offers such a mouse. External ultra-thin 3.5", 1.44 MB floppy drive; optional 4 × CD-ROM drive.

Serial and parallel I/O, and floppy disk, external video, SVGA-out, IrDA-2 infrared, SCSI-2 docking, stereo in/out and mike-in ports—2 PCMCIA Type II

or 1 Type III slots are Card Bus ready. 3-yr worldwide warranty.

Docking system F1177A has standard half-length ISA/PCI slot; parallel, serial SVGA out, PS/2 keyboard and mouse, stereo-out, Fast SCSI-2, external floppy ports; supports PnP and hot docking.

Specs for the 800 models are coded in their price-lines below. For example, #F1175A is the OmniBook 800CT with a Pentium chip (5) running at 133 MHz with a 1.35 GB hard disk drive and 16 MB of RAM, having a 10.4 inch display of type TFT.

#F1175A [5/133, 1.35 GB/16MB-10.4" TFT] $4299
#F1171A [5/100, 810MB/16MB, 10" DSTN].$2999
#F1177A [HP Docking System, 800]...............$419

Accessories for 800 and 600 Series
#F1044B [HP AC/DC Adapter] $94
#F1049A [HP replacement Mouse]....................$45
#F1059C [HP 3 mode flexible disk dr]............$186
#F1063B [HP External batt charger]................$49
#F1121A [HP Lithium Ion batt pack] $129

Accessories for 800 Series only
#F1118A [HP CD-ROM drive pwr cable].........$39
#F1164A [HP 810MB hard disk dr] $989
#F1166A [HP 1440MB hard disk dr] $1499
#F1167A [HP 8MB RAM expansion cd].........$334
#F1168A [HP 16MB RAM expan cd]..............$649
#F1169A [HP 32MB RAM expan cd]..............$649
#F1182A [Docking conn to SCSI cable]............$49
#F1196A [HP Quad-speed CD-ROM dr....$419

Accessories for 600 Series Only

#F1044B [extra AC Adapter]	$94
#F1058A [NiMH battery pack module]	$94
#F1121A [Lithium Ion Battery for C or CT]	$129
#F1063B [External battery charger]	$49
#F1064A [Automobile adapter]	$94
#F1054A [4-MB RAM expansion card]	$314
#F1055B [8-MB RAM exp cd for C & CT]	$559
#F1123A [16-MB RAM exp cd for CT]	$1099
#F1124A [24-MB RAM exp cd for CT]	$1649
#F1071A [Port Replicator]	$329
#F1049A [extra OmniBook mouse]	$45
#F1059B [extra 3.5" extern floppy drive]	$186
#F1068A [extra 170 MB hard drive]	$449
#F1069A [extra 260 MB hard drive]	$529
#F1070A [extra 340 MB hard drive]	$599
#3035 [4MB RAM, for 530/600]	$249
#3049 [4MB RAM, Simple Tech for 300/425/430]	$249
#3050 [8MB RAM, for 530/600]	$479

Rich Leather Carry Case
for your HP 600/800

EduCALC

hi-touch safety for your hi-tech invest-ment

Slim, trim and impressive, yet this formfit beauty protects your 600/800 from all those inevitable spills, scratches, knocks and drops. Four pockets inside for PC cards or business cards, velcro closure. Handsome black.

#3317 [Leather 600/800 Case]	$29.95
#3318 [Nylon 600/800 Case]	$18.95

Need one of these for your OmniBook?

Flash and RAM Cards	see p 8
Cigarette Lighter Adapter	9
FAX & Data Modems	14

the leather *TakeItEasy* OmniBook mini-brief
for your OB600/800

ISIS

■ **Look smart** with softly rich, black leather—handsomely designed and meticulously constructed
■ **Act smart** with everything together where you need it—organized for instant readiness
■ **Be safe** with ultra-light padding, secure pockets and an adjustable, detachable shoulder strap

4 inside pockets plus space dividers and pen slots, with velcro-closed outside pocket—so your OmniBook can go in or out. Will also carry books and papers or catalogs, PCMCIA cards, a modem, a disk drive—everything you need! Approx $10 \times 15 \times 2$".

#3200 [TakeItEasy Leather Case]	$89.95
#3037 [TakeItEasy Nylon Case]	$59.95

Viper
Hard Disk Card

Intégral

goes into PC card slot Type III

Get yourself enough memory!

At last you can carry your own environment in your shirt pocket — the software you are used to, configured the way you like it, plus all the files and documents you use daily, automatically updated.

It's all instantly ready to use, in your own computer or one you have never seen before — notebook, sub-notebok, palmtop or desktop — Pen-based, DOS or Windows — all it requires is a PCMCIA type III slot. Perfect for primary or secondary data storage, the Viper has exclusive MicroGlide technology, with a polished disk to allow the heads to fly closer to surface yet never touch. You get 750G non-operating shock resistance, 300G in idle mode (where it uses only 100 ma). 12 ms average seek time. Weighs 3 oz.

#3395 [170 MB Hard Disk Card]	$389
#3396 [260 MB Hard Disk Card]	$479
#3397 [340 MB Hard Disk Card]	$579

powerful Pentium processor

blazing 133, 120, or 100MHz

6 or 8MB RAM (add up to 64MB)

up to 12.1 TFT or DSTN display

huge 2, 1.35 or .810GB hard drive

1Soundblaster 2-speaker multimedia

up to 3-yr warranty
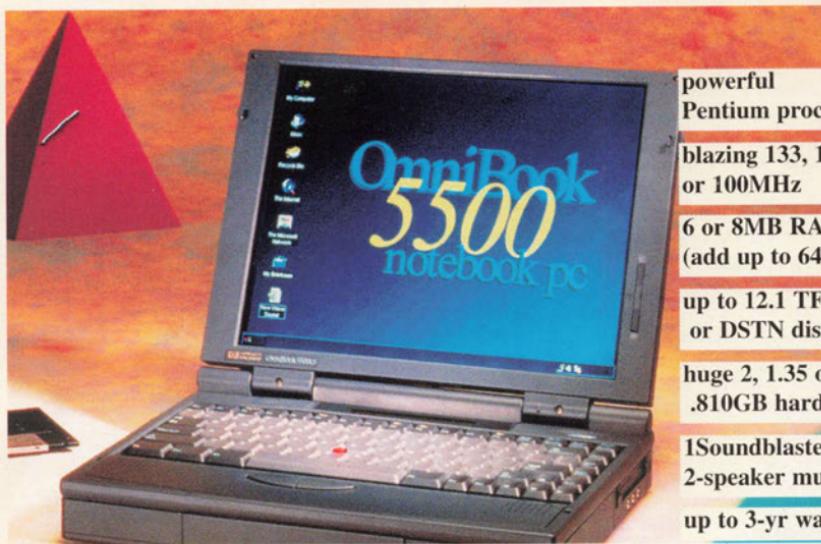
Pentium and Hewlett-Packard, together in the same notebook package—this is as good as things get.

That Pentium chip feeds a 32-bit PCI bus—so it's fast, fast, fast—you'll have eye-popping graphics, full-motion video, and split second screen refresh.

Your OmniBook 5500 will have NTSC/PAL video-out and MIDI joystick ports. Optional quad-speed CD-ROM and integrated 16-bit Sound Blaster stereo for multimedia. Or you can substitute an optional battery for the removable 3.5" floppy disk drive module when you want to double your battery life.

Instant-On is a real boon, if you're as impatient as I am—you go back to work with the touch of a finger, right where you left off, with no reboot. Plug & Play autoconfigures for peripherals. Infrared port for wireless printing and networking at a blazing 4MB per second.

Docking system (optional) connects you instantly (hot-docking) to desktop monitor and keyboard, peripherals and network.

It all works with HP reliability you can count on. Maybe that's why the 1239 business users of notebook computers that J.D. Power & Associates surveyed in 1995 rated HP highest in customer satisfaction. You won't regret buying your HP 5500.

The warranty on your 5500 calls for Express Pickup and Delivery (EPAD). It is for 3 years, except it is for 1 year on the Value Line models, #F1326A and #F1329A.

Specifications for the 5500 models are coded in their pricelines. For example, in the top line, for #F1320A, *5/133* means a Pentium CPU chip running

at 133 MHz clock speed, *2GB/16MB* means a hard disk drive capacity of 2GB (or 2000MB) and 16MB of RAM, and *12.1"TFT* means a 12.1 inch display of type TFT (active matrix).

Tech Specs for 5500

Size Closed
■ 29.5 × 22.6 × 4.9 cm
  (11.6 × 8.9 ×1.93 in)

HEWLETT PACKARD
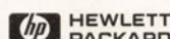
Weight
■ 3.08-3.18 kg (6.8-7 lb)

Power
■ Rechargeable Lithium-ion battery
■ Battery recharges to high level in 4 hrs using PC adapter while PC is on or off
■ 2-minute low-battery warning
■ Instant-on maintains computer in ready-to-work state for days on a charge; returns you to your application or file instantly
■ Battery life (approximate with one battery): 1.75 to 2.5 hrs
■ AC adapter 100 to 240 Vac (50 to 60 Hz) input; 12 Vdc, 3.3A output

Removable Modules
■ Floppy disk drive (can be used both internally or externally and can be replaced with a 4X CD-ROM drive or a second battery for 150% increase in battery life)

- Hard disk drive
- RAM
- Battery

Keyboard and Pointing Device
- 85-key touch-type keyboard
- Embedded numeric keypad
- 12 [Fn] keys
- Trackpoint III (technology licensed by IBM)

Input/Output
- 9-pin, 115,000-b/s, RS-232 port
- 25-pin EPP and ECP parallel port
- SVGA-out (up to 1024 × 768 (256); VGA-out (640 × 480 × 65,536 colors)
- 4-Mb/s. bidirectional infrared
- Expansion bus connector
- NTSC/PAL video-out (composite & S-Video ports)
- Keyboard/mouse port
- Headphone/stereo-out port
- Stereo-in and microphone ports
- MIDI/joystick port

Expandability
- One Type III PCMCIA slot (or use as two Type II slots) with 3.3-V or 5-V support
- Optional docking system with one ISA slot and one ISA/PCI slot, and parallel, serial, SVGA-out (up to 1024 × 768 × 256), keyboard, PS/2 mouse, MIDI/ joystick audio, and SCSI-2 ports

Pre-installed Software
- Microsoft® Windows® 95 or Microsoft Windows for Work-groups 3.11
- MS-DOS® 6.22
- Plug and Play BIOS
- HP PIM

Security Features
- 2-level password protection
- Hard Drive password
- PC ID (tattooing)
- Kensington lock slots

HEWLETT PACKARD

Accessories for 5000 Series only
#F1138A [810MB hard disk drive]	$1179
#F1139A [1.2GB hard disk drive]	$1499
#F1137A [Lithium-Ion battery pack]	$239
#F1074A [External battery charger]	$142
#F1320A [5/133-2GB/16MB-12.1" TFT]	$4899
#F1321A [5/133-1.35GB/16MB-12.1" TFT]	$4549
#F1324A [5/120-1.35GB/16MB-10.4" TFT]	$3999
#F1326A [5/100-1.35GB/16MB-11.3" DSTN]	$2699
#F1331A [5/100-810MB/16MB-11.3" DSTN]	$2449

Accessories for 5500 Series only
#F1191A [810MB hard disk drive]	$599
#F1192A [1.35GB hard disk drive]	$949
#F1193A [Std Lithium Ion batt pack]	$239
#F1194A [Enhanced Lith Ion batt pk]	$329
#F1195A [3.5" Internl/Externl disk dr]	$189
#F1336A [6X CD-ROM drive]	$399
#F1319A [Quad-speed CD-ROM drive]	$299
#F1338A [External battery charger]	$159

Accessories for 5000 and 5500 Series
#F1189B [Docking sys, monitor stand/riser]	$649
#F1181A [Y-adapter & MIDI/joystick adpt]	$34
#F1134A [8MB RAM expansion card]	$219
#F1135A [16MB RAM expansion card]	$449
#F1136A [32MB RAM expansion card]	$799
#F1044B [AC adapter]	$94
#F1064A [Automobile adapter]	$94

Montana and Mariner
fax/modem cards with cellular & paging connectivity

MOTOROLA

Send/receive data and faxes with 28 Kbps modem technology and 14 Kbps fax capability. ETC error correction protocol; compatible with phones from Motorola, AT&T, NEC and OKI.

Send alphanumeric messages to Motorola pagers. Download data from your pager to your computer.

Transmit messages wirelessly—with a Tango pager you can send messages from your laptop to other two-way paging subscribers.

In addition to all these features, which it shares with Montana, the Mariner has both twisted pair and coax **Ethernet LAN** interface, for remote access to corporate networks.

Average installation time is only 3 minutes! Comes with cables for the LAN and modem, installation software, device drivers, CardWizard card and Socket Services, and Messaging Partner software for paging features. Fits Type II or III PCMCIA slot. 5-yr wty.
#3440 [Montana fax/modem] List $329 .....$299

■ **You'll get crisp, professional looking documents**—600 × 300 dpi or more with HP's Resolution Enhancement technology, on plain paper, letterhead or glossy—even transparencies and labels. Windows ready.

■ **You'll have it fast and quiet**. A variety of built-in typefaces and TrueType scalable fonts for Windows give your work that polished pro appearance.

■ **You'll stay confident and satisfied, with the most dependable printer money can buy** —HP sells more inkjets than all other manufacturers **combined**. *You can strengthen your unit's 1-year warranty to 3 years of Express Exchange (overnight replacement) by buying the HP Support Pack listed below your machine.*

■ **Surprise! You can have the DeskJet you want at a best buy price**—You'll save on its 3 cents per page operating costs, too. Comes with power cable, ink cartridge and User's Guide, but NO printer interface cable.

HP DeskJet 340 Printer for HP 95/100/200 & all Notebook Computers

■ **Mac Option**—dual I/O, PC or Mac; with Mac Adapter.
■ **Infrared Option**—wireless printing.
■ **Portable Option**—up to 100 pages/charge—750 black pages/cartridge at 3 ppm.
■ **Includes *FREE* Color Option**—16 million colors.

HEWLETT PACKARD

84 typefaces, styles and size combinations including italic and bold, portrait and landscape.

Comes with 30p sheet feeder, power adapter, stand, Windows printer-driver software and fonts on 3.5" disk, black cartridge, User's Guide kit. HP 95/100/200/palmtop computers require a parallel converter.

#C2655A [HP DJ 340 Printer] List $365 289
#H5461A [HP SupportPack, to 3 yrs] $49
#C3280A [Color Kit] $44
#C3277A [Infrared Adapter] $39
#C3279A [Mac Adapter] $29
#C3005A [60-p Desktop Sheet Feeder] $74
#C3059A [Rechargeable Batt] List $49 ..... $44
#C3004A [Rapid Recharger, W-wide] $89
#C3050A [Leather Carry Case] List $99 ... $89
#C3061A [Low-profile Parallel Cable] $19
#51633M [Mobile Black Cartridge] $27.95
#51625A [Color Cartridge] $29
#C2633A [DskWritr 320, Mac] List $379..$319
#92215N [AppleTalk Cable] $28.50
#C3066A [Apple Connect Serial Cable] $13

DeskJet 400

HEWLETT PACKARD

The compact, all-business printer with snap-in Color Kit included.

■ up to 3ppm in black
■ conversation quiet
■ 50 page auto sheet feeding ■ 256-level enhanced grey scale

#C2642A [HP DeskJet 400] List $248 ....$199

DeskJet 680C spectacular color for the whole family

HEWLETT PACKARD

■ RealLife Imaging System
■ 2-sided greeting cards, newsletters
■ everything from cards to banners
■ up to 5ppm black, 1.5 ppm color

#C4549A [HP DJ 680C] List $386.............. $299
#H5461A [HP SupportPack]........................ $49

DeskJet 690C

HEWLETT PACKARD
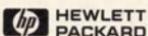
### spectacular color — photo-quality printing

- add photos to your projects ■ make iron-on transfers
- RealLife Imaging System ■ 2-sided greeting cards, newsletters ■ up to 5ppm black, 1.3 ppm color

Optional Photo Color Kit offers outrageous neons and skin tones, brings photos to life; optional paper for best photo results.

#C4562A [HP DJ 690C] List $419..............$359
#C4585A [HP Photo Color Kit]....................$62
#C1846A [HP Photo Paper]......................$12.95
#H5461A [HP SupportPack] $49
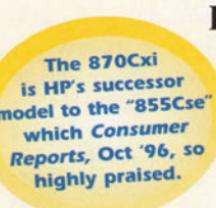
DeskJet 870Cxi

stunning business documents via Windows, DOS & Mac

The 870Cxi is HP's successor model to the "855Cse" which Consumer Reports, Oct '96, so highly praised.

HEWLETT PACKARD
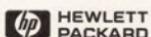
- fast—8ppm black, 4 ppm color
- biggest font collection on market
- RealLife Imaging System with C-REt
- labels, envelopes, transparencies

#C4555A [HP DJ 870Cxi] List $599 .... $499
#5465A [HP Support Pack]...........................$85

DeskJet 1600C/CN

HEWLETT PACKARD

color work group printers

For 1-10 users, at 8 ppm black, 2 ppm color; Econo-Fast mode at 9 ppm, 4 ppm color. 4MB RAM. 1600CN has Postscript L2, and JetDirect network card for Ethernet/LocalTalk. PCL 5C; 12,000 ppm.

#C3540A [HP DJ 1600C] List $1699........$1299
#C3540N [HP DJ 1600CN] List $2129.....$1799
#H5471A [1600C/CN SupportPack]...........$150

HP LaserJets

LaserJet 5L-FS
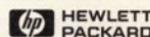
$50 REBATE on #C3941B from Sept. 1, '96 to Jan. 15, '97 Coupon in box

HEWLETT PACKARD

- the best 600-dpi output available— photo-like images at 4ppm and 1c/page
- IBM memory, 26 scalable, rotatable type faces (70 more on disk), instant-on fuser
- compact 13 × 12 inch footprint

#C3941B [LJt5L-FS]................................... $479
#C2971A [PrinterPal Fax accessory] $169
#H5465A [Support Pack, to 3 yrs] $79

### LaserJet 6P/MP

HEWLETT PACKARD
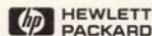
Fast 8 ppm, 600 dpi, 128 greyscale levels, PCL 6 for photo quality. Trays for 350p. Auto-switched ports—2 parallel plus fast 4 Mb/s IrDA. 12,000 pages/mo. Cards, labels, transparencies, envelopes. 45 scalable fonts built in, 65 more on disk for Win. CD-ROM software. 6 MP has PostScript & LocalTalk.

#C3980A [HP LaserJet 6P]List $959 ....$799
#C3982A [HP LaserJet 6MP]List $1149....$899
#H5465A [6P/MP Next Day On-Site Sup]...$85

Printer/Fax/ Copier/Scanner
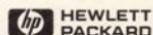
HEWLETT PACKARD

- 3 ppm, 600 × 300 dpi
- automated plain paper fax
- PC-fax send and receive
- 300 dpi copier, reduces to 70%
- 300 dpi scanner
- 1 year Express Exchange warranty

#C4661A [HP OfficeJet 330]......................$599

HEWLETT PACKARD **LaserJet Toner Cartridges** — give your printed documents dark black coverage, sharp edges, fine lines. That's because they have a *brand new photosensitive drum*, a *new cleaner blade* and a *new charge roller* plus *genuine HP toner*. *Don't run out — buy yours now!*

#92285A [LJ Ser. I Toner, black].................... $99.95
#92295A [LJ II, III, IID & IIID Toner, blk].. $79.95
#92275A [LJ Ser. IIP, IIP+, IIIP Toner, blk] .. $84.95
#92291A [LJ III Si Toner, black].................. $117.95
#92282A [LJ 2000 Toner, 2.5 kg] $74.95
#92298A [LJ4, 4 Plus, 4M + Tnr, 6000 pp] ... $99.95
#C3973A [LJ4, 4+, 4M, 4M+ Tnr, 3600 pp]...$84.95
#92274A [LJ4L, 4P 4ML, 4MP Toner] $85.95
#C3900A [LJ 4V, 4MV black Toner] $159.95
#C3906A [LJ5L black Toner]......................... $69.95
#C3903A [LJ5P, 5MP Toner, black] $96.95
#C3909A [LJ5Si, 5Si MX Toner]................ $194.95

LaserJet Memory—allows *more and larger fonts* to be downloaded, *complex graphics*, even *elaborate spreadsheets*. *Designed so you can install it*, quick and easy.

#33474B [1MB board; LJ IIP, III, IIIP/D] ... $154.95
#33475B [2MB board; LJ IIP, III, IIIP/D] ... $249.95
#C2063A [1MB SIMM, LJ IIISi] $109.95
#C2065A [4MB SIMM, LJ IIISi] $249.95

LaserJet Transparencies and Labels—the *only* film specifically engineered and tested for your HP LaserJet. It feeds with ease and *eliminates fuzzy graphics, blurry words and darkened background*.

#92296T [LJ Transparencies, 50 each]............$22.95
#92296A [LJ Labels 1" × 2-5/8", 3000 ea] $28.95
#92296B [LJ Labels 1-1/3" × 4", 1400 ea]......$28.95
#92296C [LJ Labels 1" × 4", 2000 ea]...........$28.95
#92296F [LJ Labels 1-½" × 1-¾", 8000 ea]....$28.95
#92296J [LJ Labels 1-½" × 4", 1200 ea] $39.95

DeskJet 600 Series Supplies

#51629A [DJ Black Ink Cartridge] $30.95
#51649A [DJ Tri Color Cartridge].................. $32.95
#51634Y [Ink Jet Paper, 200 sheets] $17.95
#C3834A [Prem Transp Film, 50 shts]........... $41.95
#C3836A [Prem Glossy Paper, 50 shts] $52.95
#C2970A [PrinterPal Fax Accessory............................
$179.95
#C2950A [2-meter Parallel Cable] $11.95
#C2951A [3-meter Parallel Cable] $14.95
#92177A [Desktop Organizer].......................$149.95
#H5461A [Support Pack/Express Exchange].......$49

DeskJet 800 Series Supplies

#51645A [DJ Black Ink Cartridge]................. $31.95
#51641A [DJ Tri Color Cartridge].................. $32.95
#51634Y [Ink Jet Paper, 200 sheets] $17.95
#C3834A [Prem Transp Film, 50 shts]............$41.95
#C3836A [Prem Glossy Paper, 50 shts] $52.95
#C2950A [2-meter Parallel Cable] $11.95
#C2951A [3-meter Parallel Cable] $14.95
#H5465A [Support Pk/Express Exch] $85

DeskJet 1600 Series Supplies

#51645A [DJ Black Ink Cartridge]..................$32.95
#51640C [DJ Cyan Ink Cartridge]..................$31.95
#51640M [DJ Magenta Ink Cartridge] $31.95
#51640Y [DJ Yellow Cartridge] $31.95
#C2951A [3-Mter Parallel Cable]...................$14.95
#H5471A [Support Pk/Express Exch] $150

DeskJet, DJ PLUS, DJ500 & DeskWriter Supplies HP Premium InkJet Paper—bright white for sharper text, coated matte surface that *dramatically improves color accuracy and text clarity* — gives presentation quality.

#51636H [Glossy Paper, 8.5 × 11"] $54
#51630Y [Cut-Sheet 8.5 × 11"} $20.95
#51636F [Transparency Film 8.5 × 11"] $52
#51626A [DJ Ink Cartridge]32 .... $29.95
#51625A [DJ Tri Color Ink Cartridge] $31.95
#22706B [DJ Prestige Elite Font]79 .... $73.95
#22709A [DW Soft Font Collection] $189

DeskJet 1200C and CopyJet Supplies

#51640A [Ink Cartridge, black] $24.95
#51640C [Ink Cartridge, cyan] $31.95
#51640M [Ink Cartridge, magenta] $31.95
#51640Y [Ink Cartridge, yellow] $31.95

PC/Printer Cables

#C2951A [Parallel Cable] List $27 .... $19.95
#C2913A [Cable] List $18 .... $12.95

ThinkJet Supplies

#92261A [Printhead Cart] List $13 .... $11.95
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#51605R [Cartridge, Red] List $16 .... $14.95
#92261N [Paper, 2500 shts] List $80 .... $74.95
#51630A [Jetpaper, Z-fold, 500 sheets]...........$21.95
#51630D [Jetpaper, Wide Z-fold, 2500 shts]...$86.95

Call us for your copy of our Fall/ Winter 1996 HP Supplies & Acessories Catalog. For LaserJet, DeskJet & other inkjet printers, impact printers, plotters & data storage devices.

Chart

Calculator Name	Calc Size	Battery No. × Size
HP10B, 14B, 17B(II), 20S, 21S, 22S, 27S, 32S(II), 42S	A	3 × A76
HP18C, 19B(II), 28C, 28S	B	3 × N
HP11C, 12C, 15C, 16C	C	3 × A76
HP41C, 41CV, 41CX	D	4 × N
HP71B	E	4 × AAA
HP48S, 48SX, 48G, 48GX	F	3 × AAA
HP 95LX, HP 95LX1MB	G	2 × AA
HP 100/200LX		1 × CR2032

■ **Get** *fresh batteries* from EduCALC—we sell the most calulator batteries, so we replace our stock fast!

The most used calculator battery size is A76, an alkaline button which is also called LR-44, PX76A, 1166A or V13GA. The A76 may also be replaced with our **super long life** (at least 225% more) silver-oxide battery, S76 (also called SR44, EPX76, MS76, RS76, G13, V76PX or 1107SOP).

#A76 (Alkaline battery) $0.89
#S76 (Silver oxide battery) $3.20

The following alkaline batteries are usually the **original equipment specification**.

#AA [Alkaline battery] ....$.89
#AARE [Renewal alkaline AA, Qty 4] $4.99
#N [Alkaline battery] ....$.98

Lithium coin-cells, for memory back-up.

#CR2016 [Lithium battery] $1.75
#CR2025 [Lithium battery] $1.95
#CR2032 [Lithium battery] $1.95
#CR2325 [Lithium battery] $1.95
#BR2325 [Lithium battery] $1.95

Nickel Cadmium Rechargeable

The HP 200 requires 2 AA batteries, and alkaline batteries come with it. If you replace them with NiCds, any one of HP's AC Adapters (#F1011A . . .) will act as a recharger. You'll get up to 1000 re-charges on each set.

#NAA [NiCd rechargable 0.5 AH, AA] $2.89
#2784 [Hi-Cap NiCd .85 AH, AA, qty 2] ..$6.95

Cases & Stands   Astech

Rigid Plastic Case & Stand—tough, good-looking protection—with a clever double hinge so it becomes a stand when open. Coffee brown.
#2326 [Rigid Case/Stand, size A] $18.95

EduCALC

Ice-clear acrylic stand—strong and thick, for desk-top sparkle.
#998 [Acrylic stand: Clear, size C] $14.95
**#2025 [Acrylic stand: Clear, size B]** $18.95
#2127 [Acrylic stand: Clear, sizes A, D] . $9.95
#2252 [Acrylic stand: Clear, size F] $11.95

Plastic folding stand—adjustable viewing angle, quickly collapses for your pocket. Its teal color complements your calculator. A *Best Buy*.
#3351 [Plastic stand; size A, D, F] $5.95
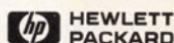
# HP 10B   [hp] HEWLETT PACKARD
Algebraic entry —
for Business Professionals and Students
Now—traditional HP reliabilty is affordable
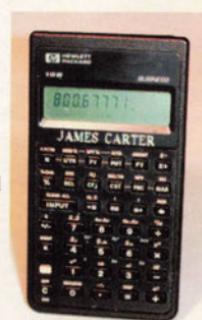
■ **Essential business and finance functions**—time value of money, amortization schedules, cash flow analysis with IRR and NPV, interest rate conversions, percent and percent change, margin and mark-up.

■ **Statistics and math functions**—1- and 2-variable statistics with mean, weighted mean, sample and population standard deviations, fore-casting and linear regression, basic math functions.

15-memory registers (more memory than similar models, and it's more usable), automatic constant saves keystrokes on repetitive calculations. Special 3-key 'M' memory for simple, fast use.

Batteries, Manual, wallet included, 1 yr warranty.
#HP10B [Business Calculator] List $45..$36.95

HP 12C Business Calculator

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For the Businessman, Financial Professional and the Student who intends to join them.

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- ■ ADVISORS
- ■ INVESTORS
- ■ LESSORS
- ■ BANKERS
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Imagine Yourself . . . **Calculating what-if answers with ease — right on the spot!!! Answering your client's questions instantly without tables. Being first with IRR and NPV figures, to the penny! Freeing yourself from arithmetic, so you can do the real thinking.**

YOU CAN—get yourself an HP 12C calculator and buy the book or tape 'SELF SEMINAR' listed below that fits your needs. Then invest a couple of hours study time. You'll be delighted with your quick new power and ease.

FINANCE/BUSINESS: Solves for Number of Periods (n), Compound Interest Rate (i), Present Value (PV), Payment (PMT), and Future Value (FV); Amortization with Accumulated Interest and Remaining Balance; Net Present Value (NPV); Internal Rate of Return (IRR); Bond Yield and Price; Depreciation by Straight-Straight-Line, Declining Balance, Sum-of-Digits (SOD); Odd-day's Interest; Simple Interest; Percent, Percent Change and Percent of Total; Calendar Functions; Beginning- or End-of-Period selection; 5 Financial Registers.

STATISTICS: Summations; 2-Variable Statistics with Means, Standard Deviations, Linear Regression, and Correlation Coefficient; Factorial.

PROGRAMMING: Up to 99 Steps; Program Review; Unconditional Branching; 2 Conditional Tests; Pause.

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Written just for you, to work at your own pace. You can relax, sit back and let these experts show you the way with lots of illustrations, example stories and quick reviews. This is a sometimes playful treatment, from the beginning, with many common applications in lending and investment analysis. It may also be used with other HP calculators, such as the 37, 38, 67/97 with pac software, and 41 with module software.

#260, Easy Course 12C, 256p wirebnd . $19.95

## Cashflow Analysis
by Robert Donohue, CCIM
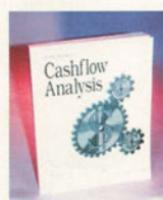
The evaluation of money transactions, from an after-tax analysis of income property to the leasing of your next car—*all made simple and understandable* even to a reader with little or no financial background.

Lots of worked-out examples of everyday financial situations with their solutions—either on a hand-held financial calculator like the HP-12C, or on a computer spreadsheet like Lotus 1-2-3 or Excel.

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HP Applications Books

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HP 12C Solutions Handbook

Here are keystroke procedures from Hewlett-Packard supplementing your owner's handbook for applications to real estate, lending, savings, investment analysis, securities, forecasting, pricing, statistics, personal finance, Canadian mortgages, more.

#477, HP 12C Solutions, 152p softbnd....$14.95

HP 12C Leasing Applications Handbook

#90021, Leasing Appls, 117p softbnd..... $14.95

HP 12C Real Estate Applications Handbook

#90015, Real Estate, 102p softbd.............$19.95

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HP 17BII
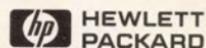
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  - Amortization with table printout
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  - Date arithmetic
  - Depreciation
  - Interest rate conversions
  - List-based cash flows
  - Mark-up as percent of price and cost, percent change, percent total
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  - Weighted mean
  - Forecasting/ curve fitting
  - LN, LOG, e^X, 10^X, y^X, $\sqrt{x}$, x^2, $1/x$

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  - Clock, calendar

RPN

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HP 19BII

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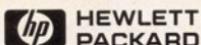
RPN

The HP 19BII Calculator has HP's time-tested RPN entry system AND it has the Algebraic System common to other calculators. You choose—RPN or Algebraic—it does BOTH, and you can change it any time—you decide, and you can even try out either system while you use the other.

Solve your special problems WITHOUT PROGRAMMING!

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MENU-DRIVEN POWER—the HP19BII is self-guiding, with Prompts in English, so you'll find it easy to use right from the start. You won't be referring to the manual very often.

Standard business formulas are already built in. Simply make a choice, then push a button. To help you find your way around, menus—a series of headings—appear on the HP 19BII's four-line screen. They make these functions push-button close:

- Interest rates
- Statistics
- Time and appointments
- Internal rate of return
- Payment schedules
- Markup and margin
- Interest rate conversions

● PROBLEM-ORIENTED POWER—the HP 19B is smart, so you'll only tell it the problem formulas, and it will figure out how to solve your problem for you. No more will you need to program your solutions; just tell your HP 19BII CALCULATOR what the problem is!

● TIME-MANAGING POWER—the HP 19BII is punctual, so it will remember appointments for you—and remind you with a beep. In addition to the 19B's calendar, there's a handy clock in it, and memory for your expenses, so you can note them right on the spot. With the clock you can keep track of billable time.

● DATA SAVING & SORTING POWER—when you key in data to do statistical analysis (say, mean and standard deviation even on weighted data) your HP 19BII remembers every data point, not just those sums it uses to calculate your statistics. Furthermore, it will sort your data points, so you can find their minimum, maximum, range, median, mode, and percentiles, or print them all out in sorted order.

The HP 19BII is 3 5/8" wide by 6 1/2" high and 5/8" thick when folded; open, it's 7 1/2" wide. Owner's Manual and batteries included. List $175.

#HP19BII [Business Calc II].................$134.95
#92169D [HPWallet, Black] $17.95

Infrared Printer

HEWLETT PACKARD

for your HP 17, 18, 19, 27, 28, 41 with IR Module, HP 42 or 48

Get hard copies of all your graphics, data, programs or calculations. This silent thermal printer operates on four AA alkaline batteries (incl) for go-anywhere portability — a set of batteries prints about 6000 lines, or there is an optional AC Adapter.

Printer connection cords have been replaced by an invisible infrared beam from your HP calculator. It's the only link required for your printing needs.

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#F1011A [AC Adapter for IR Printer] ...$34.95
#82241A [AC Adapter for IR Printer]....$14.95
#82175A [2.25" Printr Papr, blk, 6 rlls]..$16.95
**#AA [Batteries, Printer uses 4]...............ea $.89**
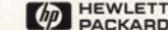
An Easy Course in Using the HP 19BII

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#541, Easy HP 19BII, 320p softbound $19.95

Step-by-Step Books for Business

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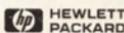
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Each model is *ANYLITE* solar-powered and has a big 8-digit LCD display. Each has its large keys color coded and arranged in 'zones' for easy, natural learning.

Each model is engineered for heavy use in schools — impact-resistant, with a clever slide-on case that can take a beating. These calculators are the same units we ship to schools and do not come in a fancy box. Instructions included; 1-year warranty.

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Four basic functions plus percent, square root, and plus/minus keys, as well as automatic constant.
#TI108 [Grade School Calc] List $7.50.....$5.95

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#TIME [Math Explorer] List $19.90 .... $16.95

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#TIEP [Explorer Plus]
List $24.95 .... $20.95

For grades 7 through 10:
## TI-30 Challenger

TEXAS INSTRUMENTS
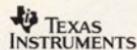
All basic math, trig and scientific functions, including logarithms, anti-logarithms, pi. Large color-coded keys speed calculations, minimize errors.
#TI30C [Challenger 30] List $19.95 ...... $15.95

For grades 9 through 11:
TI-30XSLR & TI-34

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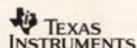
TI-30 XSLR has the functions HS teachers want for college prep—log and antilog, trig and 1-variable statistics.

TI-34 has all the functions of the TI-30XSLR and also does hex/binary/ octal conversions, Boolean logic and fractions. 10-digit display.
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HP 38G
HEWLETT PACKARD
Graphic Calculator
algebraic logic

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- **Equation Solver**
- **Infrared**

You'll send data, equations, notes, even Aplets to friends and classmates. With the built-in infrared communications, you don't need extra wires or cables.

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Display HP 38G/48G/GX Screens via your overhead projector.
#F1212A [HP OH Disp Unit w cables].......$299

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PDL100
Portable DataLogger
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**makes your presentation
more visual, more hands-on, more fun**

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It's a snap to use with a new HP 38G Aplet designed just for the PDL100. Graphic interface and analytic tools for 48G/GX and for your Win PC is included and 3½" disk—displays are graphics or tabular, can be exported to database or spreadsheet.

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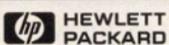
Connectivity Kits & Cables
## for PCs & Macs
HEWLETT PACKARD
for HP 38G
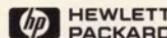
Wire-up your HP 38 to your computer—1.5 meter cable plugs into top of calculator (cable has 9-pin connector, and adapter kit for PC contains a 25-pin adapter in case you need it).

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#F1207B [PC Ser Intrface Kit] List $50 .$44.95
#F1208B [Mac Ser Intrfce Kit] List $53 .$44.95

TI-92 Graphic
Calculator
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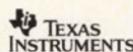
- Familiar scientific calculator keys like the TI-82.
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You'll have the **easy programming capability** of the TI-85 and more: parameter passing plus local and global variables. 70K RAM.

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Interactive Euclidean, transformational and analytic **geometry**—you can construct with points and lines, triangles and polygons, circles and arcs—easily, as with Cabri Geometry II.

Impact-resistant case doubles as a stand for tabletop use. Four AA batteries (included), 20 oz, $4.7 \times 8.2 \times 1.2$ inches; 70K RAM, 1 yr warranty.
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TI-80

lo-cost graphics power

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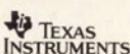
#TI80 [Graphing Calc] List $110 .... **$69.95**

TI-81

Graphics Calculator
#TI81 [Graph-Sci Calc] List $115 .... **$79.95**
#PC81 [Emulator Sftwre for PC, 5.25"].**$69.95**

TI-82
Graphics Calculator

Most Popular

TEXAS INSTRUMENTS
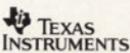
The new way to go through calculus and statistics—special powers like cobweb graphs, function tables, split screens and box/whisker plots.

All the popular features of the TI-81—almost all the TI-82 keys are in the same places, so you can pick the 82 up and use it instantly!

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Graphing Calculator

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CBL

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Calculator-Based Laboratory

data-acquisiton for your TI-82/83/85/92
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A powerhouse scientific calculator with algebraic entry—and a startling low price for real HP reliability!
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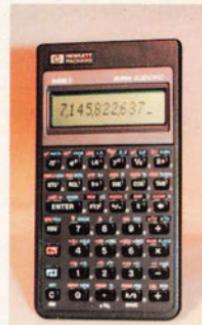
Manual, batteries, soft case included. 1 yr warranty.
#HP32SII [Scientific Calc] List $70 ....**$56.95**

TI-30X
Scientific Calculator

TEXAS INSTRUMENTS
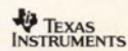
Your Best Buy for learning to calculate! For general math and science—statistics, trigs, logs, powers and roots, plus 3 memories that persist when it's OFF. Version SE is ruggedized for field or classroom use.
#TI30X [Calculator] List $18 .... **$14.95**
#TI30XaSE [Rugged Calculator] **$17.95**

HP 48 G/GX Graphic/Expandable Calculator

HEWLETT PACKARD

Input forms ■
Dialog boxes ■
Plotting enhancements ■
3-D graphics ■
Built-in equations ■
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Here are the 7 professional advantages you get with your HP 48G/GX —

1. You'll stand out. It has new, friendly colors and shares with the HP 48S/SX a distinctive size (3.2 × 7.1 in.) and a wonderful, big LCD — so you'll be recognized the minute you walk in with it.

When you fire it up, you'll be surprised at how easy and intuitive its command structure is — so you'll get satisfying results immediately. Most applications have a new input form, so you just fill in the blanks.

Just for fun, try the new TEACH function — instant demos of 21 functions and displays. Right out of the box, you'll even be able to do an animated display!

This is the first calculator that enters equations in textbook style, and it's the first that does all these graphics. *Will that get their attention?*
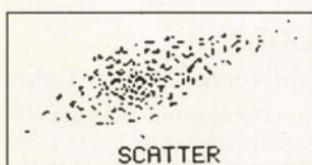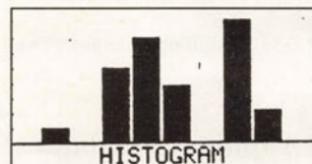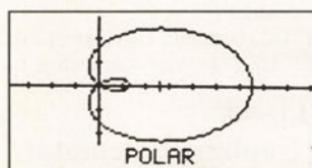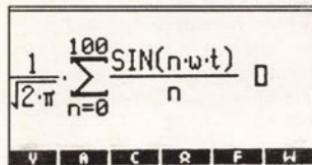
2. You'll have assurance. Solid power, right in your hand. You'll have the standard keys (SIN, LOG, √x, . . .) on this traditional keyboard, for quick hand calculations.

But, underneath, you'll have a giant 512K ROM of power, with more than 2300 functions that you'll access with 117 user-friendly menus. It's customizable, too — you'll have 128K of RAM to store your own personalized menus in (32K in the HP 48G).

When you have all that, and know it will go on working with legendary Hewlett-Packard reliability, *won't you have assurance?*

3. You'll communicate. You'll have 2-way Infrared, so you can share programs and data with another HP 48. You can also squirt programs, data and graphics via Infrared to an optional portable printer.

$$\frac{1}{\sqrt{2 \cdot \pi}} \cdot \sum_{n=0}^{100} \frac{SIN(n \cdot \omega \cdot t)}{n} \quad \square$$

| Y | A | C | Ω | F | W |

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ZOOM Z-BOX CENT COORD LABEL FCN

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```
{ HO | Send to HP 48...
4:  | Get from HP 48
3:  | Print display
2:  | Print...
1:  | Transfer...        ↓
                    CANCL
```
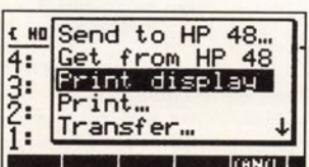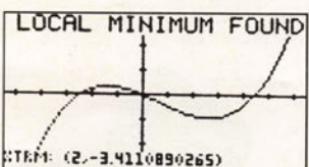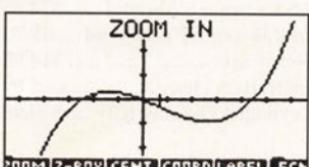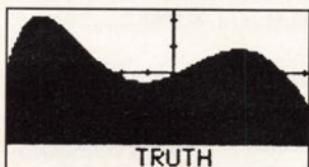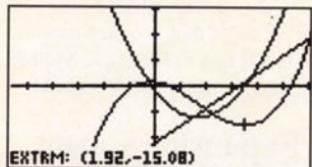
Kermit is built right into the HP 48G/GX so you can also wire-up to your PC or Macintosh with an optional Serial Interface Kit — then you can generate high-quality printouts and use your computer's disk drive to store data and programs. You can use the computer's keyboard to program your calculator, too, and you can operate all the HP 48G/GX routines like an excellent number-crunching software package on your computer (you save the software cost).

Isn't all this the kind of I/O power you've needed?

4. You'll be fast and timely. This baby is fast—fast at computations and fast writing to screen—its heart beats at nearly 4 MHz.

There's a clock which you can have on your screen if you wish (there's date-arithmetic, too). You'll have two types of alarms: appointment and control. *OK?*

5. You'll be accurate. You'll use more than 2300 functions to manipulate numbers that are stored with 12-digit mantissas and 3-digit exponents (your machine calculates with 15-digit intermediate precision).

Here is the first calculator that converts units automatically, and it is a real pleasure to use. *Isn't that what you've wanted?*

6. You'll have new smarts. If you have used the SOLVE function on a calculator, you know how useful it can be, and how much programming it can save you. But this one is something else. On the HP 48G/GX you can link several equations for simultaneous solutions, or invert a function.

This is a student's best friend, an engineer's powerhouse and a programmer's dream machine, all in one!

7. You'll be up to the minute. This machine does calculus — it can even find symbolic integrals (indefinite integrals)! It finds symbolic derivatives, too, and does lots of algebraic operations on symbolic expressions.

Your PLOTR will find roots, intersections, local extremes, derivatives and slopes for you, or find areas under curves, so you get calculus applications too.

Impressive new plot types include 3-D, wire form and grid map, plus you can ZOOM (15 ways).

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Matrix Writer lets you easily do arithmetic with matrices and vectors that have real or complex number entries. *Do you need this machine?*

What's the difference between these two machines?
There are two differences — memory and card slots. The Graphic Expandable HP 48GX has 128K RAM and 2 card slots, whereas the Graphic HP 48G has 32K RAM and no card slot. Each comes with User's Guide, brushed nylon case and batteries; 1-yr warranty.
#HP48GX [Graphic Expandable Calc] List $265 . . . . $209.95
**#HP48G [Graphic Calculator] List $135 . . . . $109.95 $106.95 $99.95**

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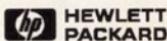
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accessories

Your Name in Silver
on your HP 48G/GX

Personalize your calculator with this self-adhesive nameplate—it installs quickly in the recess on the back or your instrument.

Your borrows will know where to return your HP 48. Up to 24 standard characters. Allow 2 weeks for delivery; indicate whether all caps or upper/loweer case.

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$11 \times 11 \times 1\frac{1}{4}$ inches; cables included; 1-year warranty.

#F1212A [HP OH Disp unit w cables] ..**$299.95**
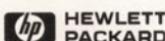
Memory Expansion Cards
for SX/GX

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Has its own long-lasting battery so you save your information even if you take it out to store it or mail it to a friend. Comes in 2 sizes, 128K and 1MB, and your machine can hold up to 2 of them. 1-year warranty.

#82215A [128K card] List $150 .... **$124.95**
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Memory Expansion Cards
for your HP 48SX/GX   **EduCALC**

#3127 [256K RAM card, 48GX] **$139.95**
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Extras for your HP 48
like those that came
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the Leather Desk   **EduCALC**
our best organizer
for the executive's S/SX/G/GX

Sumptuous black napa leather coddles your 48, with extra padding for instrument protection. Software and memory cards fit into 6 slots, 2 pockets hold notes and diary. There's a compartment for important documents and a loop for your pen.

It feels soft and rich in your hand, but there's a detachable carry strap, too. $8.25 \times 5 \times 1.75$ inches outside.

#2763 [HP 48 Leather Desk] **$57.95**

Handsome black leather HP 48 Card Case

EduCALC

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for your HP 48 or HP 95/100

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cables & peripherals

Serial Interfaces— Kits & Cables —for PCs and Macs
to S/SX/G/GX

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Wire-up your HP 48 to your computer—1.5-meter cable plugs into top of calculator (cable has 9-pin connector).
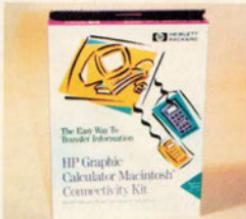
You can store your data and programs on your computer's disc drive. You can use the computer's big key-board to enter HP 48 commands — the Interface sends them to the calculator and returns results to computer screen for easy viewing (so you get excellent math software as a bonus).

Use your favorite computer text editor with the HP 48. Write and edit big programs, or enter large matrices and statistical data in a familiar way. DOS and Windows compatible. Comes with instructions, computer software on 3.5" disk.
#F1207B [PC Interface Kit] List $53 .... $44.95
#F1015A [HP to Cable] List $35 .... $24.95
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Upload, download and backup files from your HP 48 S/SX/G/GX to a DOS/Windows 95/ 3.1 or Mac computer here's your connectivity software.

Comes with a library of essential math functions, serial cable, 3.5" disk. Requires EGA or better..
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for your HP 48S/SX/G/GX
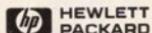
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#F1011A [AC Adapter]	$34.95
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#92169G [Cover, black]	$22.95

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Portable 3 1/2" Disk Drive
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software

The HP 48 Database
for S/SX/G/GX

Donnelly

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HP 48SX/GX
Engineering Mathematics Library including MATHLIB,
a ROM card with 715 new commands
by John Holland   Academic Press

Our most complete math package

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Complete, with statistics, linear algebra and digital signal and data processing. Over 300 tabulations of complex math functions, most to 10-digit accuracy.

Single-button plotting of all HP 48, MATHLIB, and all real and complex user-defined functions stored in the VAR directory—linear, semi-log and log-log plots with titles and labeled axes. 36 user-friendly menus. Vector and matrix language, so you can manipulate arrays without dealing with the elements. Over 100 statistical operations and tests. Over 50 statistical probability distributions and their inverses. Over 100 data and signal processing operations.

Series, rational, polynomial and least-squares approximations. Over 200 vector and matrix commands plus 50 symbolic commands. Evaluation of complex contour integrals, residues, symbolic inverse Laplace and Z transforms. Runge-Kutta numerical and symbolic solutions for scalar, vector and simultaneous DEs.

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complete with Vector Analysis

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BRINGSLID® APPLICATION SOFTWARE

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TVM including payments and amortization tables plus interest conversion. Cashflow calculations with NPV, IRR —plus plot NPV by IRR and visualize cashflow by profile plot.

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$$CH_{4g} + 2O_{2g} \rightleftharpoons 2H_2O_1 + CO_{2g}$$

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This is an HP service where users and developers can exchange software and information. It operates at 300/1200/ 2400 baud, full duplex, no parity, 8 bits, 1 stop bit; the phone number is (503)750-4448. This service is FREE; you pay only the long-distance telephone charge. The HP BBS is the best source for programs.

Pocket Professional Software for the HP 48SX/GX

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Spice48

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Are you an **engineer**? Are you going to take the **EIT or PE Examination?**

Use your trusty HP 48 to ace that exam — these ROM cards plug right into your 48 and give you everything you need.

You'll study with a *Manual* that contains all the fundamental/applied equations plus full directions. Then you'll have exam-review problems with calculator-assisted solutions in your *Problems and Solutions Book*.

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- ◆ easy-to-use reference
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- ◆ how to really utilize your 48
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Hot new tool from TDS! for the most demanding users.

THE WAY TO GO

TDS' most powerful surveying program yet for the HP-48GX. Turns your 48 into a powerful electronic or manual data collector and field computer containing all the functionality of the TDS Survey Card plus a wide range of functions for use in construction layout operations. Requires 128K extra memory (approximately 1500 points). List $995.

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TDS48-GX Survey Card
TDS' best selling data collector software

This is the stalwart of TDS' data collection programs. For users who do not need to collect data from a digital level, do not need the Survey Pro's cross section topo by station and offset, and building pad layout, do not use an alphabetized Pop-Up description table, or define road centerlines with horizontal and vertical alignments, this card is for you. All the curve solutions, all the off center shot options, all the multiple repetition options for Traverse shots. Stake by station and offset from a Point-List which defines the centerline. Or slope stake offsets from the centerline. Use the Direct Record mode for topo without touching the data collector. Also has Direct Function Access Keys. Requires 128K extra memory. List $595.

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new tool specifically for construction applications

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TDS COGO Card

A full function Coordinate Geometry card. Has Traverse / Sideshot, full curve solutions including horizontal, vertical and straight grade. Triangle solutions, Area, Pre-Determined Area, Point Stake, Intersections, Inverse by points, coordinates or line, Resections, Corner Angles, Remote Elevation, Earth Work including Average End Area, and Survey adjustments are all included.

You won't find a more power packed COGO card at this price, anywhere! List $155.

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for the HP-48SX/GX

General Beams, Plane Frame, Concrete Column, and Steel Column and Beam Analysis programs.
#2487 [Struct Anal card] List $125 ....$109.95

Coordinate Geometry
Enhanced   `SMI`

survey software cards to slide into your HP 48GX

Save $$

48BCE — Basic COGO power,
yet affordable and easy-to-use

Inverse, traverse and side shot, computing areas, perimeters and closure. Stores 100s of points in your 48GX without additional memory, so you do several jobs at the same time. Includes vertical curves, triangle solutions and compass rule adjustment.

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Lo-Cost
Surveying Software   *D'Zign*
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HP 48
Surveying Pac
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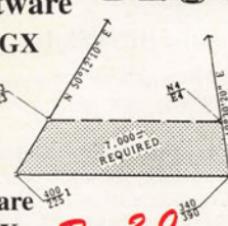
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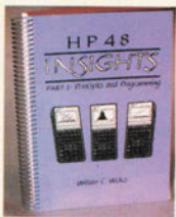
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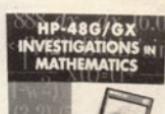
shows you how to compute and visualize in Calculus, Differential Equations, Linear Algebra and Vector Analysis

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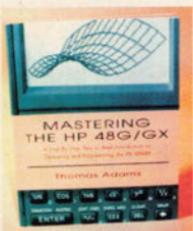
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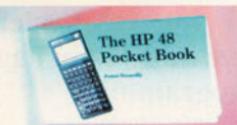
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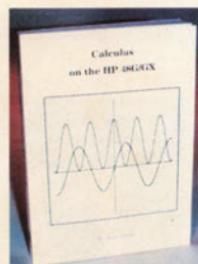
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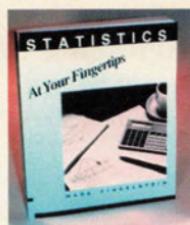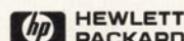
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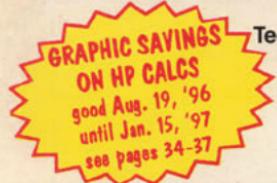
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